
Fundamental Analysis

for
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2nd edition

by **Matt Krantz**

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dummies[®]
A Wiley Brand

Fundamental Analysis For Dummies®, 2nd Edition

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Contents at a Glance

Introduction	1
Part 1: What Fundamental Analysis Is and Why You Should Use It	5
CHAPTER 1: Understanding Fundamental Analysis	7
CHAPTER 2: Getting Up to Speed with Fundamental Analysis	19
CHAPTER 3: Gaining an Upper Hand on Wall Street: Why Fundamental Analysis Gives Investors an Edge	37
CHAPTER 4: Getting Your Hands on Fundamental Data	55
Part 2: How to Perform Fundamental Analysis	75
CHAPTER 5: Analyzing a Company's Profitability Using the Income Statement	77
CHAPTER 6: Measuring a Company's Staying Power with the Balance Sheet	97
CHAPTER 7: Tracking Cash with the Statement of Cash Flow	115
CHAPTER 8: Using Financial Ratios to Pinpoint Investments	133
CHAPTER 9: Mining the Proxy Statement for Investment Clues	153
Part 3: Making Money with Fundamental Analysis	171
CHAPTER 10: Looking for Fundamental Reasons to Buy or Sell	173
CHAPTER 11: Finding a Right Price for a Stock Using Discounted Cash Flow	195
CHAPTER 12: Using the Annual Report (10-K) to See What a Company Is Worth	213
CHAPTER 13: Analyzing a Company's Public Comments and Statements	233
CHAPTER 14: Gleaning from the Fundamental Analysis Done by Others	245
CHAPTER 15: Performing "Top Down" Fundamental Analysis	265
Part 4: Getting Advanced with Fundamental Analysis	277
CHAPTER 16: Digging into an Industry's Fundamentals	279
CHAPTER 17: Pinpointing Trends Using Fundamental Analysis	295
CHAPTER 18: Avoiding Investment Blow-Ups with Fundamental Analysis	311
CHAPTER 19: Marrying Fundamental Analysis with Technical Analysis	325
Part 5: The Part of Tens	345
CHAPTER 20: Ten Things to Look at When Analyzing a Company	347
CHAPTER 21: Ten Things Fundamental Analysis Cannot Do	355
Index	365

Table of Contents

INTRODUCTION	1
About This Book	2
Icons Used in This Book	2
Beyond the Book	3
Where to Go from Here	3
PART 1: WHAT FUNDAMENTAL ANALYSIS IS AND WHY YOU SHOULD USE IT	5
CHAPTER 1: Understanding Fundamental Analysis	7
Why Bother with Fundamental Analysis?	8
Some of the real values of fundamental analysis	9
Driving home an example	10
Putting fundamental analysis to work	10
Knowing what fundamentals to look for	12
Knowing what you need	13
Knowing the Tools of the Fundamental Analysis Trade	14
Staying focused on the bottom line	14
Sizing up what a company has to its name	14
Burn baby burn: Cash burn	15
Financial ratios: Your friend in making sense of a company	15
Making Fundamental Analysis Work For You	16
Using fundamentals as signals to buy or sell	16
The perils of ignoring the fundamentals	16
Using fundamental analysis as your guide	17
CHAPTER 2: Getting Up to Speed with Fundamental Analysis	19
What Is Fundamental Analysis?	20
Going beyond betting	20
Understanding how fundamental analysis works	22
Who can perform fundamental analysis?	23
Following the money using fundamentals	25
Comparing Fundamental Analysis with Other Ways of Picking Investments	26
How fundamental analysis stacks up against index investing	26
Comparing fundamental analysis with technical analysis	27
Putting Fundamental Analysis to Work For You	28
How difficult is fundamental analysis? Do I need to be math wizard?	29
Is fundamental analysis for you?	29
The risks of fundamental analysis	30

Making Money with Fundamental Analysis	31
Putting a price tag on a stock or bond	31
Being profitable by being a “contrarian”	32
The Fundamental Analysis Toolbox	33
Introducing the income statement	33
Balance-sheet basics	33
Getting the mojo of cash flows	34
Familiarizing yourself with financial ratios (including the P-E)	35
CHAPTER 3: Gaining an Upper Hand on Wall Street: Why Fundamental Analysis Gives Investors an Edge	37
Better Investing with Fundamentals	38
Picking stocks for fundamental reasons	39
Dooming your portfolio by paying too much	43
Sitting through short-term volatility	44
Relying on the Basic Info the Pros Use	45
What is “the Warren Buffett Way”?	45
Checking in on Graham and Dodd	47
Figuring Out When to Buy or Sell a Stock	48
Looking beyond the per-share price	49
Seeing how a company’s fundamentals and its price may get out of alignment	50
Avoiding overhyped “story stocks”	51
Pairing buy-and-hold strategies with fundamental analysis	52
Looking to the long term	53
Patience isn’t always a virtue	54
CHAPTER 4: Getting Your Hands on Fundamental Data	55
Getting In Sync with the Fundamental Calendar	56
Which companies must report their financials to the public?	56
Kicking it all off: Earnings season	57
Getting the earnings press release	58
Bracing for the 10-Q	59
Running through the 10-K	61
Flipping through the annual report	62
There’s no proxy like the proxy statement	63
Getting up to Speed with the Basic Accounting and Math	64
Operating activities: Finding smooth operators	65
Investing activities: You have to spend money to make money	65
Financing activities: Getting in tune with high finance	66
Learning a key fundamental math skill: Percentage changes	67

How to Get the Fundamental Data You Need	68
Getting acquainted with the SEC’s database	68
Step-by-step directions on accessing company fundamentals using EDGAR	69
Pulling fundamental data from websites into spreadsheets	70
Finding stocks’ dividend histories	71
Getting stock-split information	72

PART 2: HOW TO PERFORM FUNDAMENTAL ANALYSIS75

CHAPTER 5: Analyzing a Company’s Profitability Using the Income Statement 77

Digging Deep Into the Income Statement	78
Cutting through to the key parts	78
Taking in the Top Line: Revenue	80
Breaking down a company’s revenue	81
Keeping tabs on a company’s growth	82
What are the company’s costs?	85
Calculating Profit Margins and Finding Out What They Mean	89
Differences between the types of profit margins	89
Finding out about earnings per share	92
Comparing a Company’s Profit to Expectations	93
The importance of investors’ expectations	94
Comparing actual financial results with expectations	94

CHAPTER 6: Measuring a Company’s Staying Power with the Balance Sheet 97

Familiarizing Yourself With the Balance Sheet	98
Separating your assets from your liabilities	98
The most basic equation of business	99
Understanding the Parts of the Balance Sheet	100
Covering your bases with assets	100
Getting in touch with a company’s liabilities	102
Taking stock in a company’s equity	104
Analyzing the Balance Sheet	106
Sizing up the balance sheet with common-sizing	106
Looking for trends using index-number analysis	108
Appreciating working capital	110
Analyzing here and now: The current ratio	111
The Danger of Dilution	111
How stock can be watered down	112
Knowing how stock options can contribute to dilution	113
Soaking up extra shares with buybacks	113

CHAPTER 7:	Tracking Cash with the Statement of Cash Flow	115
	Looking at the Cash-Flow Statement As a Fundamental Analyst	116
	Getting into the flow with cash flow	117
	Breaking the cash-flow statement into its key parts	118
	Examining a company's cash flow from operations.....	119
	Considering a company's cash from investments	123
	Getting into a company's cash from financing activities	124
	How Investors May Be Fooled by Earnings, But Not by Cash Flow	126
	A quick-and-dirty way to monitor a company's cash flow.....	127
	Understanding the Fundamentals of Free Cash Flow	130
	Calculating free cash flow.....	130
	Measuring a company's cash-burn rate.....	131
CHAPTER 8:	Using Financial Ratios to Pinpoint Investments	133
	Using Financial Ratios to Find Out What's Really Going on at a Company	134
	Which financial ratios you should know and how to use them	135
	Using ratios to grade management	137
	Checking up on a company's efficiency	140
	Evaluating companies' financial condition.....	142
	Getting a handle on a company's valuation	144
	Getting Familiar with the Price-to-Earnings Ratio.....	147
	How to calculate the P-E.....	147
	What a P-E tells you about a stock	148
	Putting the P-E into Perspective	149
	Taking the P-E to the next level: the PEG.....	149
	Evaluating the P-E of the entire market.....	150
CHAPTER 9:	Mining the Proxy Statement for Investment Clues	153
	Getting up to Speed with What the Proxy Statement Is	154
	Uncovering info in the proxy statement	154
	Getting your hands on the proxy	155
	Expanding Fundamental Analysis Beyond the Numbers	157
	Appreciating corporate governance.....	157
	Getting to know the board.....	158
	Stepping Through the Proxy	159
	Getting to know the board of directors	159
	Analyzing the independence of board members	159
	Delving into the board's committees	160

Finding potential conflicts between the board and the company.	161
Understanding how the board is paid	161
Auditing the auditor	162
Finding out about the other investors in a stock	163
How Much Are We Paying You? Understanding Executive Compensation	164
Figuring out how much executives earn	165
Checking out the other perks executives receive	166
Where the real money comes from: Options and restricted stock.	168
Checking In on Your Fellow Shareholders	168
Finding out who else owns the stock	168
What's on other investors' minds: Shareholder proposals	169

PART 3: MAKING MONEY WITH FUNDAMENTAL ANALYSIS171

CHAPTER 10: Looking for Fundamental Reasons to Buy or Sell.	173
Looking For Buy Signals from the Fundamentals.	174
Finding companies that have staying power.	175
Looking for a company on the rise.	179
Betting on the brains behind the operation	181
Minding the earnings yield.	183
Knowing When to Bail out of a Stock	184
Breaking down some top reasons to say adios to a stock	185
Why selling stocks everyone else wants can be profitable	186
What Dividends Can Tell You about Buying or Selling a Stock	187
Calculating the dividend yield	188
Knowing if you're going to get the dividend	189
Making sure the company can afford the dividend	190
Using dividends to put a price tag on a company	191
CHAPTER 11: Finding a Right Price for a Stock Using Discounted Cash Flow	195
How to Stop Guessing How Much a Company is Worth	196
How minding intrinsic value can help you.	197
Getting up to speed for the discounted cash flow	198
Performing a Discounted Cash Flow Analysis.	201
Starting out with free cash flow.	202
Getting the company's shares outstanding.	202
Estimating the company's intermediate-term growth	203
Going way out: Forecasting long-term growth	204

Measuring the discount rate	204
Putting it all together	207
Making the Discounted Cash Flow Analysis Work for You	211
Websites to help you do a DCF without all the math.	211
Knowing the limitations of the DCF analysis.	212
CHAPTER 12: Using the Annual Report (10-K) to See What a Company Is Worth.	213
Familiarizing Yourself with the Annual Report	214
First, a word on the difference between the annual report and the 10-K.	215
Getting your hands on the 10-K	216
Dissecting the main sections of the annual report.	217
How to Tackle a Massive Annual Report	222
Starting from the bottom up: The footnotes.	222
See what management has to say for itself.	226
Being aware of legal skirmishes	228
Paying close attention to amended 10-Ks	228
Examining What the Auditor’s Opinion Means For Investors	229
Paying attention to tiffs between a company and its auditors	230
Understanding the importance of financial controls.	230
Reading the audit opinion	230
CHAPTER 13: Analyzing a Company’s Public Comments and Statements	233
Using Analyst Conference Calls as a Source of Fundamental Information	234
Understanding the purpose of analyst conference calls.	235
The dimming guiding light of guidance	235
Unique things to look for in analyst conference calls	236
How to access the analyst conference calls.	237
Getting In Tune with Fundamental Information from the Media.	239
Bolstering your fundamental analysis with media reports.	240
What fundamental analysts look for in the media	241
When to be skeptical of executives’ claims in the media.	241
Knowing When to Pay Attention at Shareholders’ Meetings.	242
What to expect during a company’s annual meeting.	243
Putting the “fun” in fundamental analysis	244
CHAPTER 14: Gleaning from the Fundamental Analysis Done by Others	245
Reading Analysts’ Reports for Fundamental Analysis Clues	246
Why reading analysts’ reports can be worth your time.	246
Understanding the types of firms that put out stock research	247

Keying into the main types of analyst research	250
How to read between the lines of an analyst report	250
Getting your hands on analyst reports	252
Interpreting Credit-Rating Agencies' Reports For Fundamental Analysis.	253
The role of reports issued by credit-rating agencies	253
Getting your hands on the credit rating.	256
Knowing when a company's credit rating is suspect	257
Finding Fundamental Data about Companies Using Social Investing	259
The origins of social investing	259
Why it might be worth paying attention to nonprofessionals	260
How to plug into social networking	261
Following the moves of big-time investors	262
CHAPTER 15: Performing "Top Down" Fundamental Analysis.	265
Broadening Out Fundamental Analysis to Include Monitoring the Economy	266
How the economy has an overriding effect on a company.	266
Ways the economy can alter your fundamental analysis	268
How interest rates can alter what companies are worth	269
Analyzing the Key Measures of the Economy's Health	271
Being aware of the business cycle	271
Using government statistics to track the economy's movements.	272
Getting a Jump on the Future Using Leading Economic Indicators	273
Paying attention to the Conference Board Leading Economic Index	274
Using the stock market as your economic early warning system	275
PART 4: GETTING ADVANCED WITH FUNDAMENTAL ANALYSIS	277
CHAPTER 16: Digging into an Industry's Fundamentals	279
Realizing How a Company's Industry Can Influence Its Value	280
What's in an industry?	281
Following the ups and downs of industries.	283
How to Track How Sectors Are Doing.	284
Keeping tabs on a sectors' fundamentals	285
Tracking the stock performances of sectors	286
Using exchange-traded funds to monitor sectors and industries	287

Adding Industry Analysis to Your Fundamental Approach	288
Sizing up a company's financials relative to its industry's	288
Find out who a company's competitors are	290
Considering industry-specific data	290
Taking stock of raw material costs	291
It's mine! Paying attention to market share.	292
CHAPTER 17: Pinpointing Trends Using Fundamental Analysis	295
Understanding Why to Consider Trends	296
When trends can be very telling about a company's future	296
Attempting to forecast the future using trends	298
Attempting to forecast the future using index-number analysis	300
Applying moving averages to fundamental analysis	301
Finding Trends in Insider Trading Information	303
When a CEO is bullish, should you be, too?	303
Paying attention to when a company buys its own stock	304
Watching when the insiders are selling	305
How to track insider selling	306
Designing Screens to Pinpoint Companies	307
Examples of what screening can tell you.	307
Step-by-step instructions on building a sample screen.	308
CHAPTER 18: Avoiding Investment Blow-Ups with Fundamental Analysis	311
Uncovering the Dangers of Not Using Fundamental Analysis	312
Why investing in individual companies is risky business.	312
Ignore the fundamentals at your own risk	314
Why digging out of a hole is so difficult	314
Avoiding bubbles and manias	316
Finding and Avoiding Financial Red Flags	320
A real-life pattern for suit-worthy shenanigans	320
The rationale behind shenanigans	321
Red flags that signal shenanigans.	322
CHAPTER 19: Marrying Fundamental Analysis with Technical Analysis	325
Understanding Technical Analysis	326
Reading the stock price charts.	327
What technical analysts are looking for in the charts	328
How technical analysis differs from fundamental analysis.	329

Blending Fundamental and Technical Analysis	330
Using stock prices as your early-warning system	331
Looking up historical prices	331
The Primary Tools Used by Technical Analysts	332
Getting into the groove with moving averages	332
Keeping an eye on trading volume	333
The ABC's of Beta	334
The long and short of short interest	335
Keeping a Close Eye on Options	336
Understanding the types of options	336
Paying attention to put and call price levels	337
Watching the put-to-call ratio	338
Using the market's fear gauge: The Vix	338
Applying Technical Analysis Techniques to Fundamental Analysis	339
Giving fundamental data the technical analysis treatment	340
Following the momentum of fundamentals	341
PART 5: THE PART OF TENS	345
CHAPTER 20: Ten Things to Look at When Analyzing a Company	347
Measuring How Much of a Company's Earnings Are "Real"	348
Considering How Much Cash the Company Has	348
Making Sure You Don't Overpay	349
Evaluating the Management Team and Board Members	349
Examining the Company's Track Record of Paying Dividends	350
Comparing the Company's Promises with What It Delivers	351
Keeping a Close Eye on Industry Changes	351
Understanding Saturation: Knowing When a Company Gets Too Big	352
Avoiding Blinders: Watching the Competition	352
Watching Out When a Company Gets Overly Confident	353
CHAPTER 21: Ten Things Fundamental Analysis Cannot Do	355
Ensure You Buy Stocks At The Right Time	356
Guarantee You'll Make Money	356
Save You Time When Picking Stocks	357
Reduce Your Investing Costs	357
Protect You from Every Fraud	359
Easily Diversify Your Risk Over Many Investments	360
Predict the Future	360

Make You the Next Warren Buffett.	361
Protect You from Your Own Biases.	361
Overcome the Danger of Thinking You're Always Right	362
How to measure your portfolio's return	362
How to measure your portfolio's risk.	363
Sizing up your portfolio's risk and return.	364
INDEX	365

Introduction

If someone gave you a dollar for every newfangled stock-picking method invented every year, well, you probably wouldn't need a book on investing. You'd already be rich.

Investors are constantly barraged with new ways to pick stocks and buy stocks. There's no shortage of pundits, professional investors, and traders who all claim to know the best ways to invest. The trouble is, most of their advice is conflicting and often confusing.

Maybe it's this constant swirl of investment babble that tempted you to pick up this book. If so, you made a wise decision. This book will help you get back to the basics of investing, understand business, and measure how much that business is really worth. Rather than chasing hot stocks that whip around, *Fundamental Analysis for Dummies* will show you how to study the value of a business. You'll then use that information to make intelligent decisions about how to invest.

While faddish stock-picking systems come and go, fundamental analysis has been around for decades. The ability to pore over a company's most basic data and get a good idea of how a company is doing, how skilled the management team is, and whether or not a company has the resources to stay in business is a valuable skill to have.

Fundamental analysis is best known as a tool for investors trying to get a very detailed assessment of what a company is worth. But you might be surprised to learn you don't have to be an investor to use fundamental analysis. If you buy a warranty from a company and want to know if the company will be able to honor it, that calls for fundamental analysis. If you just want to know "how well" a company is doing, you might also want to use fundamental analysis. Journalists, too, can use fundamental analysis to find stories that will interest readers. Fundamental analysis also helps you figure out whether what you read about companies makes sense.

The aim of this book is to show you what fundamental analysis is and help you use it as a way to better understand business and investment.

About This Book

Fundamental Analysis For Dummies is one of the most approachable texts to tackle this somewhat complex topic. Rather than bog you down with the nitty-gritty details that academics pull their hair over, I've attempted to lay out all the main topics and techniques you'll need to apply fundamental analysis to a variety of business tasks.

While fundamental analysis is useful for anyone with genuine interest in learning more about business, I appreciate the fact you are likely hoping to make some money from fundamental analysis. For that reason, the book is largely targeted toward investors who are either hoping to use fundamental analysis to manage their portfolios or to enhance their current system of selecting stocks.

As the author, I can share the tricks, tips, and secrets I've learned from a career writing about online investing for readers just like you. In the course of writing for *USA Today*, including a daily online column about investing called "Ask Matt" at www.usatoday.com, I've answered thousands of reader questions that may include the same ones you have.

Fundamental Analysis For Dummies gives you all the tools you need to access fundamental data, process it, and make decisions. The book, however, stops short of showing you how to actually buy or sell stocks by choosing a broker and entering orders. If you're interested in the actual process of buying or selling stocks, that topic is covered exhaustively in my other book, *Investing Online For Dummies*, 9th Edition (Wiley, 2016).

Icons Used in This Book

When you're flipping through this book, you might notice several icons that catch your attention. That's done on purpose. I use several distinct icons to alert you to sections of the book that stand out. Those icons are as follows:



REMEMBER

These icons highlight info that you should etch on the top of your brain and never forget, even when you're getting caught up in the excitement of fundamental analysis.



TIP

Read these sections to quickly pick up insider secrets that can boost your success with fundamental analysis.



TECHNICAL
STUFF

Some of the things covered in the book get a bit hairy and complicated. This icon flags such sections for two reasons. First, you may decide to avoid the headache and skip over them, because the info isn't vital to your understanding of fundamental analysis. Second, the icon is a heads-up that the paragraph is probably loaded with investment jargon. Don't be embarrassed if you need to read the section a second or third time. Hey, you didn't want this book to be too easy, did you?



WARNING

Avoid the land mines scattered throughout Wall Street that can decimate your good intentions at building wealth with these sections.

Beyond the Book

In addition to what you're reading right now, this product also comes with a free access-anywhere Cheat Sheet that clues you in to stuff like knowing the key SEC filings, goes over financial ratios to know and love, and offers a financial analyst's mini-dictionary. To get this Cheat Sheet, simply go to www.dummies.com and search for "Financial Analysis For Dummies Cheat Sheet" in the Search box.

Where to Go from Here

If you're a new investor or just curious about fundamental analysis, you might consider starting from the beginning. That way, you'll be ready for some of the more advanced topics I introduce later in the book. If you've already been using fundamental analysis or wondering if fundamental analysis might enhance a strategy you think is working for you, you might skip to Part 2. And if you're dying to know about a specific topic, there's nothing wrong with looking up those terms in the Index and flipping to the appropriate pages.

1

What Fundamental Analysis Is and Why You Should Use It

IN THIS PART . . .

Find out how understanding the way a company makes money can help *you* make money.

See how fundamental analysis compares with other ways of investing.

Check out how some successful investors put fundamental analysis to work.

Understand the accounting procedures companies use to record their fundamentals for all to see.

IN THIS CHAPTER

Getting a solid overview of why fundamental analysis is worth your time

Stepping through some of the main concepts that are critical to fundamental analysis

Understanding the ways that fundamental analysis can fit into many investment strategies

Grasping how to use this book to further your understanding of fundamental analysis

Chapter 1

Understanding Fundamental Analysis

Before you gulp down that neon-colored energy drink or pour yourself a bowl of super-sweetened cereal that looks like it was made by Willy Wonka himself, you probably do something first. It's probably not a bad idea to take a glance at the nutrition label that spells out what ingredients are in the box.

You might not know what guar gum, guarana, or other ingredients that often show up on the labels of such processed foods are, but you can get a pretty good idea of what's good for you and what's not. If a bottle of apple juice, for instance, has a list of ingredients longer than your arm and is filled with stuff you can't pronounce, you know you're not drinking squeezed apples. Being aware of what's

in a food may or may not sway your decision to eat it, but at least you know what you're putting into your body.

Companies and stocks, too, come with similar labels. All companies that are *publicly traded*, or that take investment money from the public, are required to disclose what they're all about. Just as food processors must list all the ingredients that go into their products, companies must tell investors what they're composed of.

Unfortunately, all the information investors need to know about a company doesn't fit inside a tiny rectangle — like it does on a food label. Instead, the key elements that make up a company are broken down at length in a series of *financial statements* and other sources of fundamental data.

Reading these critical financial statements and gleaning insights from them are the most basic goals of fundamental analysis. Fundamental analysis is the skill of reading through all the information companies provide about themselves to make intelligent decisions. Just as you'd want to know what's in that Frankenfood you're about to bite into, you want to know what's in an investment you're thinking about adding to your portfolio.

Why Bother with Fundamental Analysis?

You might wonder why you need to hassle with fundamental analysis. After all, at every family picnic there's undoubtedly the loudmouthed relative who's filled with all sorts of can't-go-wrong stock tips. Why bother with technical things like net income or discounted cash flow analysis when you can just turn on the TV, write down a couple of stock symbols, buy the stocks and hope for the best?

You might also figure learning how companies operate is just needless information. After all, you don't need to know about fuel injection systems, suspensions, and car battery technology to drive a car. And you don't need to know what's going on behind the curtain to enjoy a play. Some investors figure they can just pick a couple of hot stocks, buy them, and drive off to riches.



REMEMBER

If the vicious bear market that began in 2007 taught investors anything, it's that blindly buying stocks just because you might "like" a company or its products was hardly a sound way to tune up a portfolio. Chasing hunches and personal opinion about stocks is often not a great way to invest, as you'll find out in Chapter 20. The financial crisis is now becoming a distant memory for many investors who might again think fundamental analysis doesn't matter. Investors have taken to chasing stories and hype again in the bull market that kicked off in 2011 — and most or certainly many of those "can't-go-wrong" investments will meet a poor fate as the fundamentals catch up to reality.

Some of the real values of fundamental analysis

Ever notice how there's always a new wonder diet promising to make you skinny, and a new pill to make you healthier? More times than not, though, it seems these things never work. Getting healthy comes back to the basics — a balanced diet and exercise.

The same goes with investing. Believe it or not, investing can be somewhat full of fads. There's always a new investment pundit or economist with a novel way to pick winning stocks. And just as an hour on the treadmill will do you more good than a bottle full of miracle pills, successfully choosing stocks often comes back to fundamental analysis.

Fundamental analysis is the classic way to examine companies and investments for a variety of reasons, including the fact it is:

- » **Based on fact, not opinion:** It's easy to get caught up in general enthusiasm about what a company is doing or the products it's selling. Fundamental analysis blinds you to this investment hype and gets you focused on cold-hard business realities. It doesn't matter if all the kids in your neighborhood are buying a company's products if the company isn't making any money at selling them.
- » **Good at pinpointing shifts in the business's health:** If a company's success is starting to fade, you'll see it show up in the fundamentals. No, there won't be a giant sign saying "Sell this stock." But there are clues if you know how to look, as you'll discover in Chapter 18. Companies are required to disclose key aspects of their business, so if there's a problem, a fundamental analyst will often be early at spotting some trouble.
- » **All about execution:** Companies' CEOs are usually good at getting investors focused on the future and how things are going to get better next quarter. But fundamentals are based in reality — right now. Just think of children who say how hard they're working at school. The report card is still the tangible evidence of how things are actually going. The numbers don't lie — if you know where to look.
- » **A way to put price tags on companies:** What's a painting worth? What's a used car worth? The price of an asset with a subjective value is generally what someone else is willing to pay for it. The stock market, an auction of buyers and sellers, does a good job putting price tags on companies. But fundamental analysis gives you another way to see just how much investors, by buying or selling stock, are paying for a stock.

Driving home an example

One of the best recent examples of how fundamental analysis can help you and your portfolio is General Motors. For decades, GM represented the might of U.S. industriousness, know-how, and creativity. GM commanded a massive market value of \$3.5 billion in 1928, says Standard & Poor's. I'll step you through what market value means in more detail in Chapter 3, but for now, just know that GM was the most valuable company by far in 1928.

For decades, investors figured a dollar invested in GM was money in the bank. The company slugged through upturns and downturns and was a lasting power that helped drive the U.S. economy. The company kept paying fat dividends and kept powering profits higher. There was even an expression: "As GM goes, so goes the nation."

But investors who blindly bet GM would remain a lasting force and ignored the fundamental signs of trouble suffered a brutal blow on June 1, 2009. On that day, which will forever remain one of the lowlights of capitalism, GM became the fourth-largest public company to seek bankruptcy protection, according to BankruptcyData.com. Shares of GM stock collapsed to just 75 cents a share, down 97% from their level just three years before.

Fundamental analysis may not have helped you predict just how shocking GM's fate would be. But concrete elements from the company's financial statements could have tipped you off to just how challenged GM was well before it became a penny stock and was liquidated. GM was ultimately reborn when a new company was created and bought many of the old company's assets, including the GM name. You can be sure that investors in the new GM paid much closer attention to the fundamentals.

Putting fundamental analysis to work

It's easy to get consumed with the fast-money trading aspects of stocks. Exciting TV reports about stocks on the move and companies that have new products practically turn investing into a sporting event. If you listen to some traders talk, they rattle off companies' ticker symbols in rapid-fire delivery just as sports fans talk about teams. Flashing arrows and rapid trading can become an addiction for people who get into it.

Fundamental analysis is trying to help you avoid these headaches and insanity. Stocks rise and fall each minute, day, and week based on a random flow of news. That's mostly noise to a fundamental analyst. The constant ups and downs of stocks can sometimes confound logic and reason. Many readers of my Ask Matt column at USATODAY.com are baffled when a stock falls even after the company

reports what appears to be good news. Trying to profit from these short-term swings is a game for gamblers and speculators. It's futile on a long-term basis.

But that's not to say investing is gambling. Remember that those stock symbols you see flashing red and green aren't dice, horses, or cards. They're more than just the two, three, or four letters of their ticker symbol.

GM VERSUS FORD

Even months before GM filed for bankruptcy protection, fundamental analysis could have served you well.

Back in January 2009, seeing both GM and Ford facing intense financial strain, many investors wondered if either one was worth taking a bet on. Some helpful fundamental analysis tools, including an analysis of the statement of cash flows, could have determined whether you lost a fortune or enjoyed a big gain.

I'll show you how to read the statement of cash flow in detail in Chapter 7. But for now, I'm just giving you a real example of why fundamental analysis matters to whet your appetite. At the beginning of 2009, both Ford and GM were constantly in the news. Both faced a tough business climate and both had depressed stock prices: Ford began 2009 at \$2.46 a share and GM \$3.65. The market clearly saw big-time troubles at both firms.

But a quick fundamental analysis showed Ford was the much better bet. Ford ended the quarter with \$27.5 billion in cash and burnt \$600 million in cash. Don't let the numbers scare you at this point. I'm just exposing you to a basic free cash flow analysis, as you'll learn about later. Just for now, know that at the quarterly rate, Ford had enough cash to last nearly 46 quarters.

Over at GM, however, the company ended the quarter with just \$15.9 billion in cash. Meanwhile, it burnt through \$8.9 billion during the quarter. A fundamental analyst knew right away the company wasn't going to make it through the year at that rate. That's critical information to have known.

Knowing how to do this one type of fundamental analysis made a world of difference for investors. In the following six months, shares of Ford jumped 149% to \$6.13. Ford also did not accept government funding assistance. By the end of 2014, Ford's shares bounced back to about \$15 a share. Meanwhile, shares of GM crashed 79% to 75 cents, the company was renamed Motors Liquidation Company, its assets were sold off, and investors were decimated.

Makes you want to read the rest of the book, doesn't it?

When you buy a stock, you're buying a piece of ownership in companies that make and sell products and services. You're buying a claim to the companies' future profits. Owning a piece of a real business over time isn't gambling, it's capitalism.



REMEMBER

Fundamental analysis forces you to focus on investing in businesses, not stocks. You're not buying a lottery ticket, but a piece of ownership in a actual company. Sometimes this gets lost by investors who pay more attention to stock charts than to financial statements.

If jumping in and out of stocks at the right time isn't the way to riches, then what is the trick to successful investing? The answer is to stop thinking of stocks as just symbols that gyrate each day. The goal of fundamental analysis is to help you step away from the short-term trading and gambling of stocks. Instead, you approach investing as if you're buying a business, not rolling the dice.

Fundamental analysis ideally helps you identify businesses that sell goods and services for more than what they paid to produce them. Fundamental analysis is your tool to evaluate how good a company is at turning raw materials into profits. If there's an investor who best personifies fundamental analysis over speculation, it's famed investor Warren Buffett of Berkshire Hathaway. Buffett is one of the best-known users of fundamental analysis — in fact, he's so confident in his analysis of a business he'll often buy very large stakes and hold on to it for decades. You will read more about how Buffett applies fundamental analysis to investing in Chapter 3.



TIP

No matter how you choose investments currently, you can likely apply fundamental analysis. Even if you're the kind of investor who likes to buy diversified mutual funds and hold onto them forever, called a *passive investor*, it can be helpful to understand basic financial characteristics of the companies.

Knowing what fundamentals to look for

Knowing what makes a company tick isn't as convoluted as it may sound. Companies are so regulated and scrutinized, all the things you need to pay attention to are usually listed and published for all to see. Generally, when you hear about a company's fundamentals, the key elements to be concerned will fall into several categories including:

» **Financial performance:** Here you're looking at how much a company collects from customers who buy its products or services, and how much it keeps in profit. Terms you probably hear quite a bit about, such as *earnings* and *revenue*, are examples of ways fundamental analysts evaluate a company's financial performance.