Why you should use this book

- **It covers the Excel 365 version of Excel.** There are now two current Windows versions of Excel: Excel 2019 (the pay-once version) and Excel 365 (the subscription version that has more features and a different user interface). This book is specifically written for the Excel 365 July 2019 semi-annual version. It can be very frustrating to try to learn Excel 365 using an Excel 2019 book.

- **It is up-to-date.** A new Excel 365 semi-annual version is released every six months* (in January and July) and automatically updated on your computer. We then publish a new edition of this book to support the latest latest update. This means that new features are covered and the screen grabs will exactly match what you see on your screen. It can be very frustrating to try to learn Excel 365 using an out-of-date book.

- **Learning success is guaranteed.** For over fifteen years, Smart Method® classroom courses have been used by large corporations, government departments and the armed forces to train their employees. This book has been constantly refined (during hundreds of classroom courses) by observing which skills students find difficult to understand and then developing simpler ways of explaining them. This has made the book effective for students of all ages and abilities.

- **It is the book of choice for teachers.** As well as catering for those wishing to learn Excel by self-study, Smart Method® books have long been the preferred choice for Excel teachers as they are designed to teach Excel and not as reference books. Books follow best-practice adult teaching methodology with clearly defined objectives for each learning session and an exercise to confirm skills transfer. With single, self-contained lessons, the books cater for any teaching or self-learning period (from minutes to hours).

- **Smart Method® books are #1 best sellers.** Every paper printed Smart Method® Excel book (and there have been twelve of them starting with Excel 2007) has been an Amazon #1 best seller in its category. This provides you with the confidence that you are using a best-of-breed resource to learn Excel.

- **No previous exposure to Excel is assumed.** You will repeatedly hear the same criticism of most Excel books: “you have to already know Excel to understand the book”. This book is different. If you’ve never seen Excel before, and your only computer skill is using a web browser, you’ll have absolutely no problems working through the lessons. No previous exposure to Excel is assumed and everything is explained clearly and in a simple way that absolutely any student, of any age or ability, can easily understand.

- **It focuses upon the everyday Excel skills used in the workplace.** This Essential Skills book will equip you with excellent Excel 365 skills, good enough to impress any employer, but it doesn’t confuse by attempting to teach skills that are not common in the workplace. Only users who have advanced requirements need progress to the Expert Skills book.

Learn Excel in just a few minutes each day (or in as little as one full day)

Excel is a huge and daunting application and you’ll need to invest some time in learning the skills presented in this book. This will be time well spent as you’ll have a hugely marketable skill for life. With 1.2 billion users worldwide, it is hard to imagine any non-manual occupation today that doesn’t require Excel skills.

This book makes it easy to learn at your own pace because of its unique presentational style. The book contains short self-contained lessons and each lesson only takes a few minutes to complete.

You can complete as many, or as few, lessons as you have the time and energy for each day. Many learners have developed Excel skills by setting aside just a few minutes each day to complete a single lesson. Others have worked through the entire book in a single day.

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* Excel 365 Version 1902 was released to the Semi-Annual update channel in July 2019. An earlier build of the same version was released earlier to the Monthly update channel. You’ll learn more about update channels, builds and versions in: Lesson 1-2: Check that your Excel version is up to date.
Hardly anybody understands how to use every Excel feature

It is important to realize that Excel is probably the largest and most complex software application ever created. Hardly anybody understands how to use every Excel feature and for almost all business users, large parts of Excel’s functionality wouldn’t even be useful.

Many learners make the fundamental error of trying to learn from an Excel reference book that attempts to document (though not teach) everything that Excel can do. Of course, no single book could ever actually do this. (There are some advanced Excel features that easily justify an entire book of their own).

By the end of this Essential Skills book you will have excellent Excel skills, good enough to impress any employer, and your Excel skills will be better than most office workers (even those with many years of experience). You’ll be able to create beautifully laid-out worksheets that will really impress. You’ll also have mastered many advanced features that few Excel users understand such as absolute and relative cell references, visualizations, advanced charts, conditional formatting, date serial numbers, themes and cloud computing.

We also have a follow-on book that will teach you expert-level skills

The Expert Skills book teaches Excel to an extremely high level of competence that is very rarely found in the workplace (even amongst top professionals).

At Expert level your skills will be greater and broader than almost all other Excel users and you will understand (and be able to use) absolutely every Excel feature. You’ll have a complete mastery of skills that are often even a mystery to Excel power users.

The full course outline for the Expert Skills book can be viewed on the https://thesmartmethod.com web site.
Every lesson is presented on two facing pages

Pray this day, on one side of one sheet of paper, explain how the Royal Navy is prepared to meet the coming conflict.

*Winston Churchill, Letter to the Admiralty, Sep 1, 1939*

Winston Churchill was aware of the power of brevity. The discipline of condensing thoughts into one side of a single sheet of A4 paper resulted in the efficient transfer of information.

A tenet of our teaching system is that every lesson is presented on two facing sheets of A4. We’ve had to double Churchill’s rule as they didn’t have to contend with screen grabs in 1939! If we can’t teach an essential concept in two pages of A4 we know that the subject matter needs to be broken into two smaller lessons.

### How this book avoids wasting your time.

Over the years I have read many hundreds of computer text books and most of my time was wasted. The big problem with most books is that I must wade through thousands of words just to learn one important technique. If I don’t read everything, I might miss that one essential insight.

Many presentational methods have been used in this book to help you to avoid reading about things you already know how to do, or things that are of little interest to you.

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**Lesson 3-28: Use the IFS function**

In Lesson 5-25 you used a VLOOKUP function to return a grade from different pass mark percentages. In this lesson you will use the same problem posed in Lesson 5-25. Use a VLOOKUP function for an exact lookup.

**Use the IFS function to calculate the grade for each student by defining grade data within the function.**

Sometimes it may be better to “hard code” data such as the percentage grade thresholds within the function itself. This prevents users from accidentally deleting or changing the grade percentage thresholds within the worksheet.

The argument against this approach is that the worksheet is more difficult to maintain if grade thresholds change in the future.

1. Click in cell C3.
2. Click: Formulae ➤ Function Library ➤ Logical ➤ IFS.
3. Enter the following pair of arguments:

```
=IFS(logical_test, value_if_true, [logical_test, value_if_true], [logical_test, value_if_true])
```

**Logical Test** is an expression that returns TRUE or FALSE. In this case the test asks if Johnny Caine’s percentage is less than 60.

**value_if_true** is the result if TRUE is returned. If Johnny had a percentage score of less than 60%, the function would have returned the text “FAIL”.

**Screen grabs are provided in-line with the text when they can explain what you need to do more clearly than words alone.**

If you want to progress through the course as quickly as possible you don’t have to read notes. Notes usually expand a little on the information given in the lesson text.

If you already know how to do something simply read the bold text for each step and just do it. Step notes sometimes provide precise instructions about how to progress if the one-line description is inadequate. Notes also often include interesting information about the current task.

When there is a sample file (or files) to accompany a lesson, the file name will be shown in a folder icon. You can download the sample file set from: https://TheSmartMethod.com
Learning by participation

Tell me, and I will forget. Show me, and I may remember. Involve me, and I will understand.

Confucius, Chinese teacher, editor, politician and philosopher (551-479 BC)

Confucius would probably have agreed that the best way to teach IT skills is hands-on (actively) and not hands-off (passively). This is another of the principal tenets of The Smart Method® teaching method.

Research has backed up the assertion that you will learn more material, learn more quickly, and understand more of what you learn if you learn using active, rather than passive methods.

For this reason, pure theory pages are kept to an absolute minimum with most theory woven into the hands-on lessons, either within the text or in sidebars.

This echoes the teaching method used in Smart Method classroom courses where snippets of pertinent theory are woven into the lessons themselves so that interest and attention is maintained by hands-on involvement, but all necessary theory is still covered.

<table>
<thead>
<tr>
<th>Logical text</th>
<th>Value in cell 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
<td>1</td>
</tr>
<tr>
<td>FALSE</td>
<td>0</td>
</tr>
</tbody>
</table>

Excel recognizes text as having a value in logical expressions

Excel has evaluated this logic expression:

`="excel"="yes"`... and has surprisingly returned TRUE.

This seems puzzling at first until you realize that behind the scenes Excel assigns numeric values to text in order to implement alphabetical sorting.

These numeric values are always higher than any number so that (in an A-Z sort) numbers will always come before text.

To work around this peculiarity, you could add a new first Logical Test/Value pair to ensure that the value in column B was numeric like this:

<table>
<thead>
<tr>
<th>Logical text</th>
<th>Value in cell 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
<td>1</td>
</tr>
<tr>
<td>FALSE</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Logical text</th>
<th>Value in cell 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;excel&quot;=&quot;yes&quot;</td>
<td>TRUE</td>
</tr>
<tr>
<td>&quot;excel&quot;=&quot;no&quot;</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

If you try entering text into the Percentage column you might be surprised to find this result:

When something can easily go wrong, or when the subject text is particularly important, you will see the important sidebar. You should always read important sidebars.

Each lesson models a real-world business problem. You’ll immediately appreciate the value and relevance of each skill you learn.

A goal of this book is not to waste your time by explaining any skill twice. Sometimes you may forget something that has already been covered earlier in the course.

Cross-references are extensively used, pointing you back to the lesson in which the relevant skills were learned. The cross-references also help when you use this course as a reference book but have forgotten the more basic skills needed to complete each step.
Who Is This Book For?

If you need good Excel skills for your work or want to add Excel skills to your resume or CV, you’ve found the right book.

If you’ve never used *Excel 365 for Windows* before, this book will give you all of the skills you need to be thoroughly competent. By the end of the book, your Excel skills will be better than most office workers with many years of experience.

This book is for *Excel 365 for Windows* users who:

- Need to acquire essential Excel skills quickly.
- Have never used Excel before, or who have only basic Excel skills.
- Want to learn Excel skills from first principles.
- Are moving to *Excel 365 for Windows* from an earlier version.

**Use of this book as courseware**

This book is also the official courseware for The Smart Method’s *Excel 365 for Windows Essential Skills* course. Smart Method courses have been taken by a varied cross-section of the world’s leading companies. We’ve had fantastic feedback from the vast number of professionals we’ve empowered with Excel skills.

This book is also suitable for use by other training organizations, teachers, schools, colleges and universities to provide structured, objective-led, and highly effective classroom courses.