Microsoft Power BI
Essentials

Course Details

Course Name Microsoft Power BI Essentials
Duration 2 Days
Course Code AFBMPBI
Assumed Knowledge Basic understanding of Power BI or similar

Course Aims

The aim of this course is to introduce you to the fundamentals of Power BI and enable you to create your own data-driven solutions. You'll learn how to connect to various data sources, transform and model data, create stunning visualizations, and publish and share your insights with others. You'll also learn how to use the Power BI service and desktop app, as well as the Power BI mobile app, to access your data anytime, anywhere. This course will help you develop the skills and confidence to leverage the power of Power BI for your personal or professional needs.

What You Will Learn

In this course, you will learn how to import data from various sources into Power BI, and transform and model it using the Power Query Editor and the Data View. You will also learn how to create and customise visualisations using different types of charts, maps, slicers, and other elements, and how to use DAX to create measures and calculated columns. You will also learn how to optimise and share your Power BI solutions using the Power BI service and mobile app.

Skills

- You will understand how to use the basic tools and features of Microsoft Power BI.
- The course will showcase all the core skills required to create, manage and use key Power BI tools including datasets, reports, dashboards, workspaces and more.
- You will also be shown best practices and use cases to take advantage of Power BI.

Target Audience

This course is aimed towards individuals that are new to Power BI and need to know the basics of Power BI in order to build reports and share information internally within their own organisation.

Appetite

Course Content

Module 1 – Introduction to Power BI

Topic A What is Microsoft Power Platform, Fabric and Power BI
Topic B Power BI licensing, set-up and connections
Topic C Power BI architecture
Topic D Power BI Desktop Overview
Topic E Power BI Online Service Overview
Topic F Sharing Power BI data

Module 2 - Connecting to Data Sources and Preparing Data

Topic A Overview of Power Query
Topic B Data sources and limitations
Topic C Connection Types
Topic D Connecting to Data
Topic E Preparing data in Power Query
Topic F Pros and cons to different data sources

Module 3 - Data Modelling and Transformation

Topic A Adding data directly into Power BI
Topic B Merging, Appending data
Topic C Power Pivot
Topic D Duplicate / reference tables
Topic E Advanced Editor

Module 4 - Setting Up Relationships and Building Visualisations

Topic A Overview of the different views
Topic B Creating folders, bins, measures table and hierarchies
Topic C Build Relationships
Topic D Adding Visualisations
Topic E Edit Interactions
Topic F Setting up your report theme
Topic G Filtering levels and options
Topic H Drill through
Topic I Drill Up / Down

Module 5 - Introduction to DAX

Topic A The difference between a measure and a calculated column
Topic B Quick Measures
Topic C Basic DAX calculations
Topic D Creating KPI's
Topic E Quick Measures
Topic F Visual calculations

Module 6 - Taking Your Report Visualisations to the Next Level

Topic A Bookmarks
Topic B Selection Pane
Topic C Field parameters
Topic D Visual marketplace
Topic E Adding animation to your reports

Module 7 - Report Optimisation and Publishing to Power BI Service

Topic A Publishing reports and sharing Information
Topic B Refreshing data
Topic C Performance analyser
Topic D Row level security
Topic E Creating a Dashboard
Topic F Managing alerts
Topic G Q&A feature

Module 8 - Power BI Service Basics

Topic A Power BI Service overview
Topic B Editing report via the Power BI Service
Topic C Embedding a report SP or Web
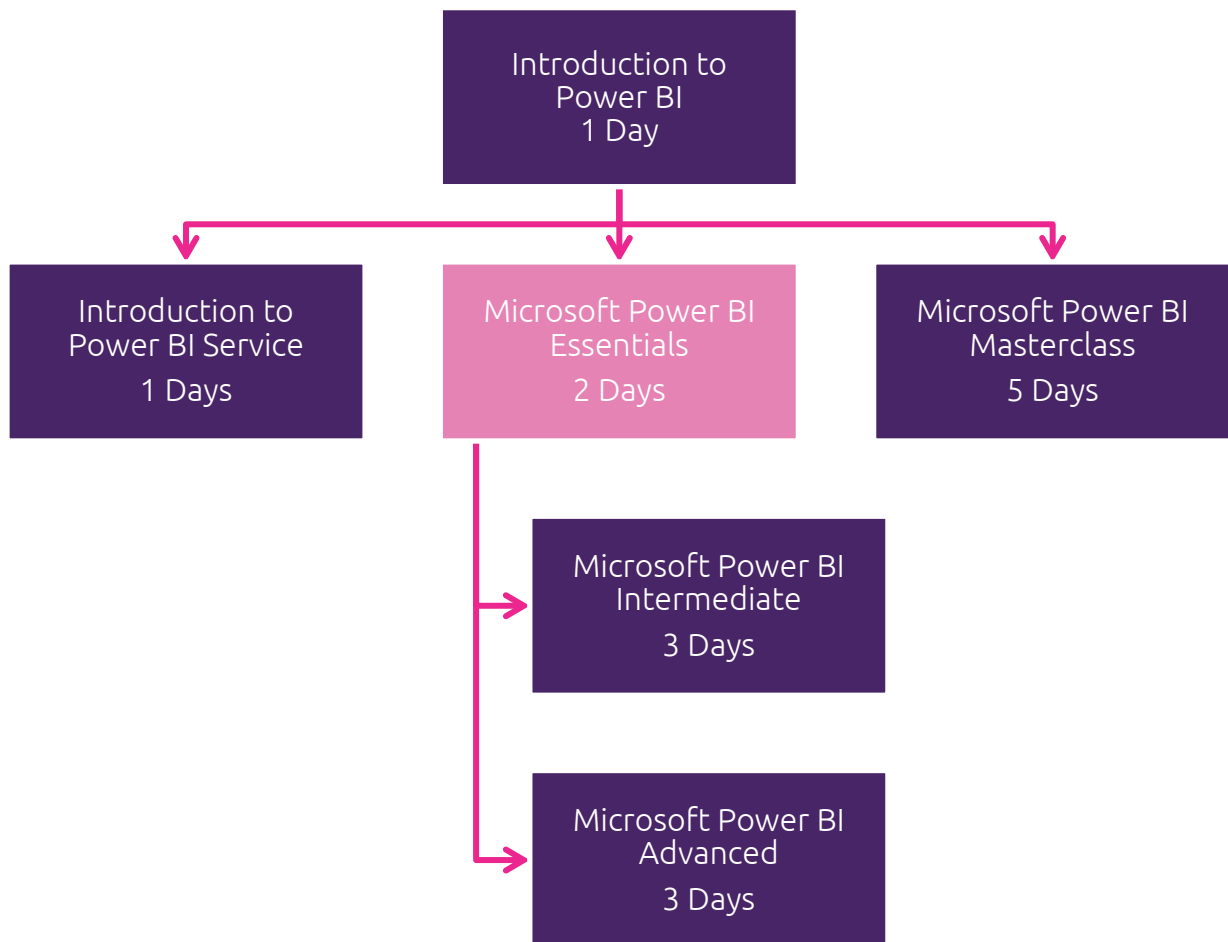Topic D Mobile layout view
Topic E Metrics (Scorecards)
Topic F Power BI Apps

Course Progression

Power BI is a powerful tool for data analysis and visualisation that can help you gain insights and make informed decisions. At Appetite, we understand the significance of learning the full depth of using Power BI in a modern organisation. That's why we offer a range of courses from introduction to advanced, covering topics such as data modelling, DAX, visualisations, dashboards, reports, and more. We can guide you from having no prior knowledge to building very detailed reports using some advanced skills.

Whether you want to learn the basics of Power BI, or take your skills to the next level, we have a course for you. Our courses are interactive, engaging, and can also be tailored to your needs. You'll learn from our experienced trainers who will share their best practices and tips for success. By the end of the course, you'll be able to apply your learning to your own data and scenarios, and create stunning and impactful reports that will impress your colleagues and stakeholders.

Join us in discovering the power of Power BI and enhancing your data literacy by taking one of the following courses.

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                    Introduction to
                      Power BI
                       1 Day
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 Introduction to   Microsoft Power BI  Microsoft Power BI
 Power BI Service      Essentials         Masterclass
     1 Days             2 Days             5 Days
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                          ├──────► Microsoft Power BI
                          │          Intermediate
                          │            3 Days
                          │
                          └──────► Microsoft Power BI
                                       Advanced
                                        3 Days
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About Appetite
Audacious, Human, Purposeful, Rigorous, Kind
Our company values underpin everything we do and are at the heart of our business.

Established in 2016, Appetite is passionate about helping people and organisations use technology as a force for good with values and culture being a guiding force for how we achieve this.

We will help you engage with your colleagues and customers through technology and our people – our difference makers – will be pivotal in helping you to achieve this.

We help companies to simplify technology and get the most out of Microsoft Cloud technologies to grow. We provide easier to access data analytics, faster business processes, better workflows and productivity, and a better understanding of how your business is performing.

Accreditation
We adhere to several elite standards giving you the confidence that you are working with a partner who strives to be the very best, by continuously improving our management system and processes we work to the highest possible standard.

Security	Accreditations	Pledges
CYBER ESSENTIALS	Microsoft Solutions Partner — Modern Work	Microsoft PARTNER PLEDGE
CYBER ESSENTIALS PLUS	Certified B Corporation	TECHTALENT CHARTER: SIGNATORY
nqa ISO 27001 INFORMATION SECURITY MANAGEMENT	Learning & Performance Institute — Accredited Learning Technologies Provider **Gold Standard**	disability confident COMMITTED
nqa ISO 9001 QUALITY MANAGEMENT		better business act
		We are a Living Wage Employer
		We've made our Social Mobility Pledge — Outreach, Access, Recruitment

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Certified B Corporation