ASTROTECH

KNOWLEDGE TODAY SKILLED TOMORROW

Power BI Essentials

⚡ COURSE OVERVIEW

Microsoft Power BI is a powerful collection of software, applications and services that will help you turn raw data into meaningful stories. It is a new way to explore and visualize data, tell compelling stories, and share those insights. This course will show you how to link and model data in Power BI to create visual reports that reveal data insights. We'll start by exploring the Power BI interface, understanding the different ways to connect to data sources, and creating a basic report. Then, we'll dive into more advanced topics such as how to create a table or matrix visualization of your data, how to use parameters in your reports, and how to create custom visuals.

The course covers the following key topics:

➤ Learn about business intelligence and how to use the Power BI interfaces.

➤ Learn how to use Power BI and the application on a daily basis to support efficient and agile analytics.

➤ Identify the various data sources within an organization, extract and manipulate it quickly, and deliver critical information on time.

➤ Utilize best practices in database design by realizing the power of the Data Model through the use of the LOOKUP function and efficient database design.

➤ Learn how to use Power BI's Data Analysis Expression (DAX) to leverage Data Models and analytics.

➤ Learn how to connect and visualize large datasets in order to consume and analyze information quickly and easily to support informed business decisions.

➤ Navigate the Power BI Ecosystem with confidence and determine which tool to use for maximum impact.

➤ Create, modify, and personalize interactive dashboards, visualizations, and reports to communicate specific business metrics in an easy-to-understand format.

➤ ...AND MUCH MORE!

WHO SHOULD ATTEND

➤ Employees responsible for extracting, re-organizing and analyzing data.

➤ Those in charge of data modelling, creating and using recurring reports.

➤ Anyone else who is interested in saving significant time through automating the work in the above.

TAKE HOME TOOLS

➤ A detailed manual/workbook and electronic copy of course material

➤ Notepad & pen

➤ One month of free telephonic and e-mail support included

OUTCOMES

After attending this course attendees should be able to:

▶ Understand the purposes and basic functions of the core Power BI components

▶ Use the Power BI desktop client and web app

▶ Connect to a data source using either the Power BI desktop client or the web app

▶ Create models with the data

▶ Create reports and visualizations

Our Course will be held at:

The Capital - Melrose

Excellence conference facilities, snacks and a 3 course lunch included in the hotel restaurant.

TERMS & CONDITIONS

▶ **PAYMENTS:**
Payment terms are **30** (thirty) days from date of course completion. The final invoice will be based on the **confirmed minimum number of delegates** provided as follows:

COURSES INSIDE GAUTENG: At least **SEVEN** working days prior to the course

COURSES OUTSIDE GAUTENG: At least **TEN** working days prior to the course

Absent delegates are charged for.

▶ **POSTPONEMENTS:**

POSTPONE WITHOUT COSTS: If you advise us **at least TWO** weeks prior to the course

PAY 25% OF THE COURSE FEE: If you advise us **less than TWO** weeks prior to the course

PAY 100% OF THE COURSE FEE: If you advise us **within ONE** week of the scheduled course

Once you have postponed, you **cannot** subsequently **cancel** without being liable for the **FULL** course fee.

A new date convenient to both parties will be agreed upon, however all postponements need to be utilised within **SIX** months of the original scheduled course date.

▶ **CANCELLATIONS:**

▶ **CANCEL WITHOUT COSTS:**   If you advise us **at least TWO** weeks prior to the course

▶ **PAY 50% OF THE COURSE FEE:**   If you advise us **less than TWO** weeks prior to the course

▶ **PAY 100% OF THE COURSE FEE:**   If you advise us within **ONE** week of the scheduled course

▶ **PRESENTERS:**
Should it be necessary, AstroTech Learning reserves the right to substitute the presenter.

▶ **VENUE:**
Your course will take place at The Capital Melrose, in the conference centre. Snacks and a 3 course lunch in the hotel restaurant are included.

▶ **COMMUNICATION:**
When a person registers on the AstroTech website, is registered on an AstroTech course or sends an email to AstroTech, that person consents to receiving communications electronically or otherwise from AstroTech and/or its business partners.

▶ **DISCLAIMER:**
AstroTech Learning will not be held responsible for any loss, damage or harm, direct, indirect, consequential or otherwise and howsoever arising that may be caused to any person or property during the providing of any services by AstroTech to the client.