



acuvate®

... where *Acumen* drives *Innovation*

Power BI Workshop

BASIC TO INTERMEDIATE AND AI IN POWER BI WORKSHOP

NEED OF THE WORKSHOP

Organizations who would want to enable their **business users to do self service analytics and leverage AI capability within Power BI** to analyze their data in a rich and compelling manner. This workshop would cover people who have just started to evaluate Power BI to meet the organizational requirement around data visualization and analysis as well as cater to people who want to learn how to use Power BI to be more efficient with their data and make a greater impact on the day-to-day work, they do.

Duration : 2 Day (Customizable)

WHO?

OUTCOME?



Business users who want to build their own reports and dashboards



Understand data extraction, transformation, data visualization and AI features in Power BI.



Data analysts who want to learn advanced capabilities of power BI.



Best practices for Power BI



Business users who want to connect to multiple data sources and understand best practice for Data modeling.



Data profiling, Data lineage, streaming analytics, Data security and data governance in Power BI



Data analysts who want to build their own custom visual



Power Bi adoption plan

According to Gartner, **75%** of databases will be in the cloud by **2022**.

Gartner goes on to add that the main driver for migrating data to the cloud is to **capture superior analytics** and to take advantage of the **pay as you go model**.

35 % of organizations cite **insufficient tools or technology** as their primary challenge

35 % of organizations **lack adequate in-house skills/knowledge**

AGENDA(DAY-1) & PRE-REQUISITES :: POWER BI WORKSHOP

Pre-requisites:

- Identify a data source (Preferably excel or csv or SQL database) on top of which a report can be built and demoed.
- Power Bi desktop installed on the user's machine.
- Power Bi pro license – trial can be enabled.
- Lab material to be shared by Acuvate.
- One week notice if the workshop must be run on a data source from your organization.
- If data source is not provided, Acuvate will share the data sources and the material for the hands-on-lab.

Agenda (Times are approximate and will be fluid with the class)

Day 1 - Morning

09:00 AM - 09:10 AM	Introduction to Acuvate
09:10 AM - 10:00 AM	Introduction to Power BI and Power BI Demo
10:00 AM - 10:30 AM	Environment setup if not done already and showcase other reports
10:30 AM - 10:45 AM	Break
10:45 AM - 11:30 AM	Lab1 Accessing and Preparing data
11:30 AM - 12:30 PM	Lab1 Solution + Questions
12:30 PM - 1:30 PM	Break

Day 1 - Afternoon

1:30 PM - 2:15 PM	Lab2 Data modeling and Exploration
2:15 PM - 3:15 PM	Lab2 Solution + Questions
3:15 PM - 3:30 PM	Break
3:30 PM - 4:15 PM	Lab3 Visualisation
4:15 PM - 5:00 PM	Lab3 Solution + Questions

AGENDA (DAY-2) :: POWER BI WORKSHOP

Agenda (Times are approximate and will be fluid with the class)

Day 2 - Morning

09:00 AM - 09:30 AM	Recap of Day 1 + Questions
09:30 AM - 10:00 AM	Introduction to today's lab and showcase report usecases
10:00 AM - 10:45 AM	Lab 4 Publishing and accessing reports
10:45 AM - 11:00 AM	Break
11:00 AM - 12:00 PM	Lab 4 solution + Questions
12:00 PM - 12:30 PM	AI features in Power BI
12:30 PM - 1:30 PM	Break

Day 2 - Afternoon

1:30 PM - 2:15 PM	Lab 5 Building a dashboard and sharing
2:15 PM - 3:15 PM	Lab 5 Solution + Questions (Identify report to be built/migrated)
3:15 PM - 3:30 PM	Break
3:30 PM - 4:15 PM	Lab 6 Best practices in data visualization - Tips and Tricks(Build your own report with your own data)
4:15 PM - 5:00 PM	Lab 6 Solution + Questions