

Dashboard in a Day
Institut des Finances Basil Fuleihan, January 2020

Course objectives	<p>After completing this course, participants will be able to:</p> <ul style="list-style-type: none"> • Define the time Data • Understand the difference between BI and SSBI • Understand the 5 main stages of Data Analytics • Ask the right questions • Use power BI Desktop • Get data into Power BI • Understand Power Query • Perform various types of transformations • Create measures using DAX functions • Select and use effective charts • Visualize data and create and interactive reports • Design and implement custom tooltip • Analyze the result
Target Audience	IOF Employees
Duration	8 hours
Language	Arabic and English
Methodology	Interactive course
Course Outlines	<p>Getting started with BI</p> <ul style="list-style-type: none"> • What is BI? • What is SSBI? • Know Your 5 <p>Power BI Desktop</p> <ul style="list-style-type: none"> • Checking the installed version • Enabling the “preview Features • Switching between Report editor and Power Query Editor • Working with the modern office ribbon • Touring the report editor in Power BI Desktop <p>Transforming and Reshaping</p> <ul style="list-style-type: none"> • Touring the Power Query Editor in Power BI Desktop • Understanding Transform and Add Column tabs • Exploring the Auto-generated “M” Language • Using Excel as Data source • Applying data transformation

Data Molding

- What is DAX
- Understanding the types of calculations
- What is a measure? And Why?
- Creating an aggregate functions
- Checking Measure tools and applying new format

Interactive Data Visualizations

- Creating Power BI reports
- Categorizing the Power BI visuals
- Building the main “Sales Report” page
- Adding drillthrough to your reports
- Adding drilldown to your visuals
- Implementing custom tooltip
- Designing backgrounds and layouts
- Changing the default theme and colors

What Next

- Discuss what’s next in Power BI

Learning Games

- Test your learning

Q&A

- Open Questions and Answer