



# POWER BI

# Data Analysis

Consulting | Implementation | Mentorship



Microsoft  
Partner



مركز قطر للمال  
Qatar Financial Centre  
QFC FIRM NO : 01103

# "Power BI is an Enterprise Analytics Platform that streamline the process of Reporting and Business Analytics"



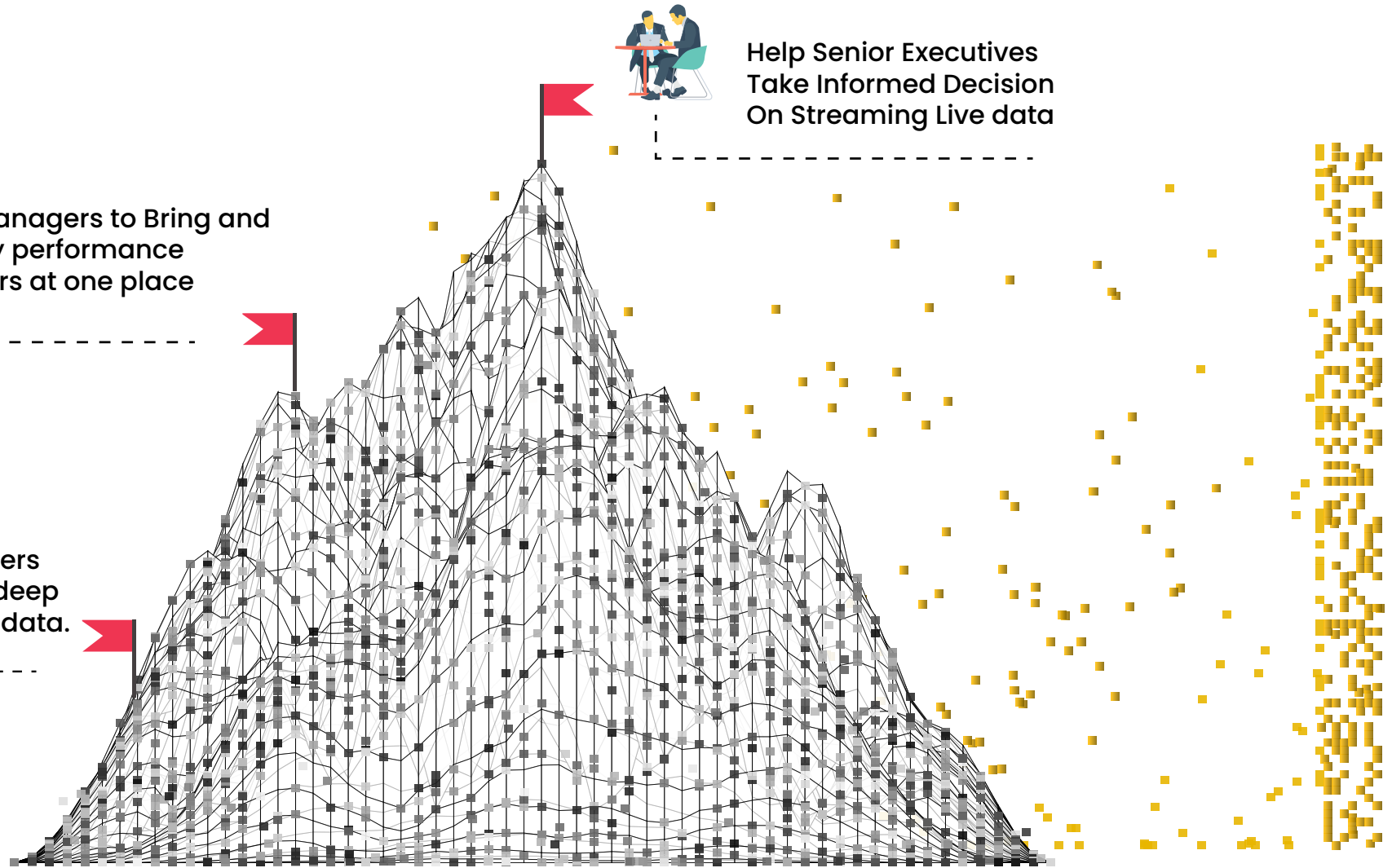
Helps Engineers and Staff to deep dive into the data.

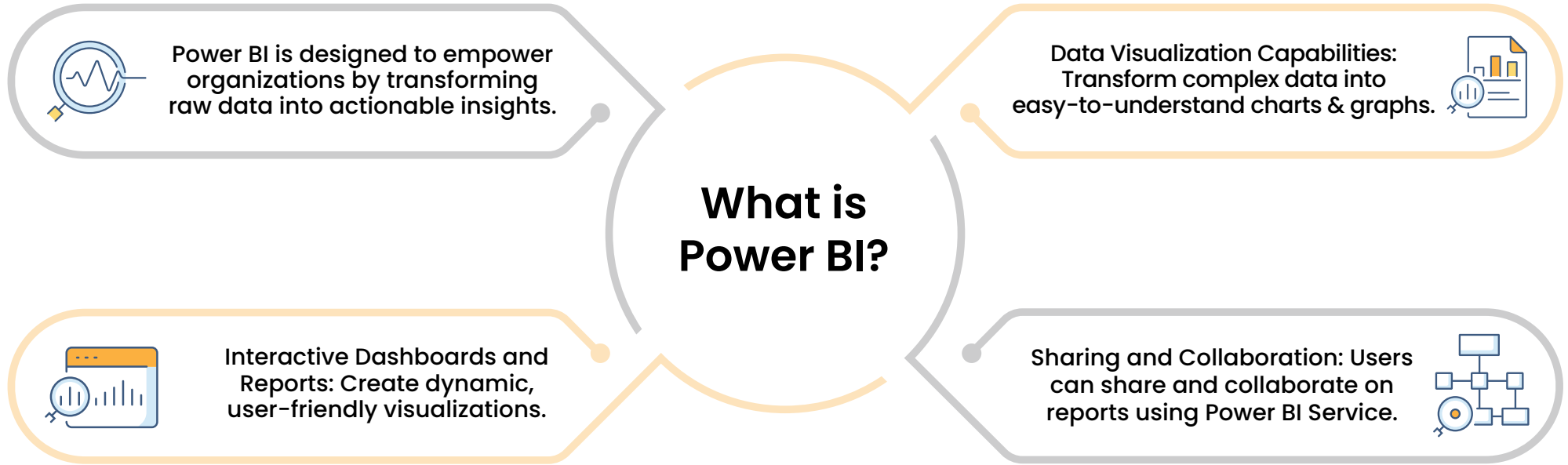


Helps Managers to Bring and view Key performance indicators at one place

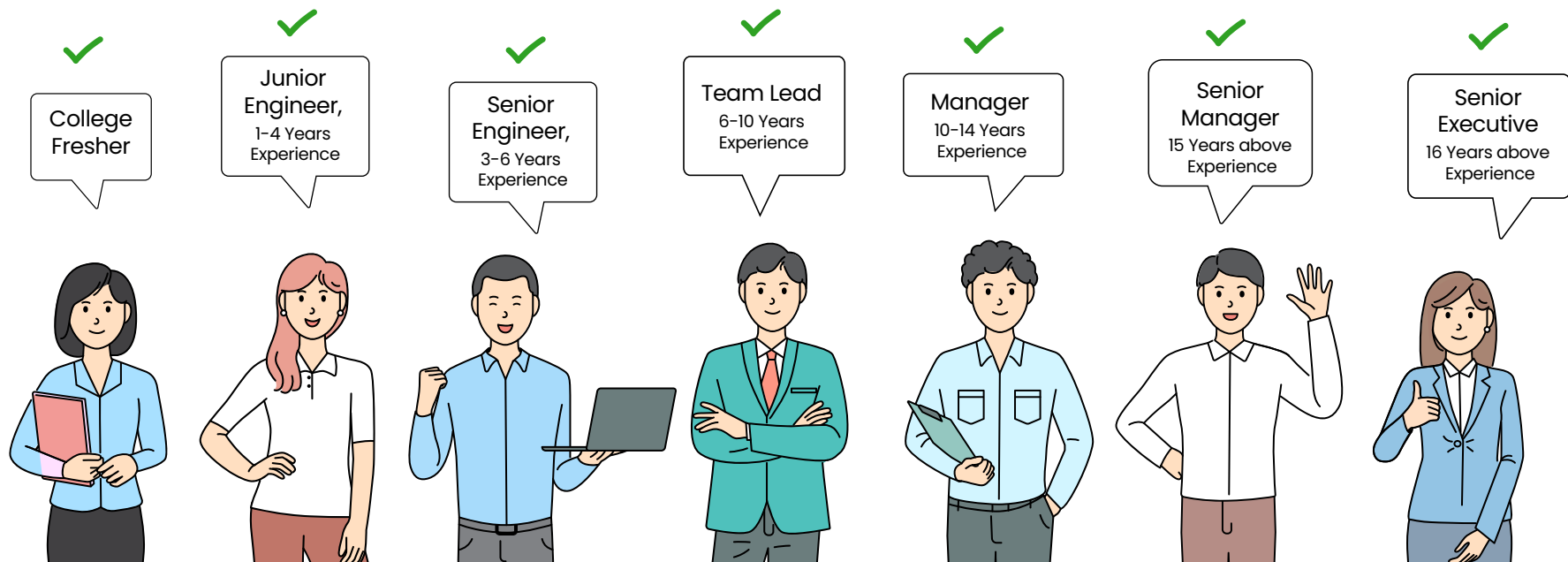


Help Senior Executives Take Informed Decision On Streaming Live data





## Target Audience



# Course Modules

## INDUCTION CLASS

Introduction to Power BI | Downloading Power BI & Adjusting Settings | Introduction to Curriculum | Exploring the Power BI Desktop Interface & Workflow ...

## POWER QUERY

Data Source Connectivity | Data Validation | Query Dependencies | Query Parameters | Data Preview | Load into Power BI | Data Chasing | Data Transformation.

## DATA MODELING

Data Loading | Relationship Building | Creating Data Measures | Data Hierarchies | Data Modeling Best Practices | Testing ...

## DAX FUNCTIONS

Aggregation Functions | Filtering Functions | Time Intelligence Functions | Date & Time Functions | Logical Functions | Ranking Functions | Time Functions | Statistical Functions.

## VISUALIZATIONS I

Charts & Graphs | Tables & Matrices | Cards & KPIs | Maps & Geographic Visualizations | Gauges | Slicers & Filters.

## VISUALIZATIONS II

Custom Visuals | Drill through & Drill down | Bookmarks & Interactivity | Themes & Formatting | Tools Tips | Water Fall Charts & Funnel Charts | Custom Visuals.

## DATA SCIENCE THEORETICAL CONCEPTS

Statistical Analysis | Regression Analysis | Predictive Analysis | Perspective Analysis | Descriptive Analysis | Time Series Analysis.

## WORKSHOP - COMPONENTS OF POWER BI

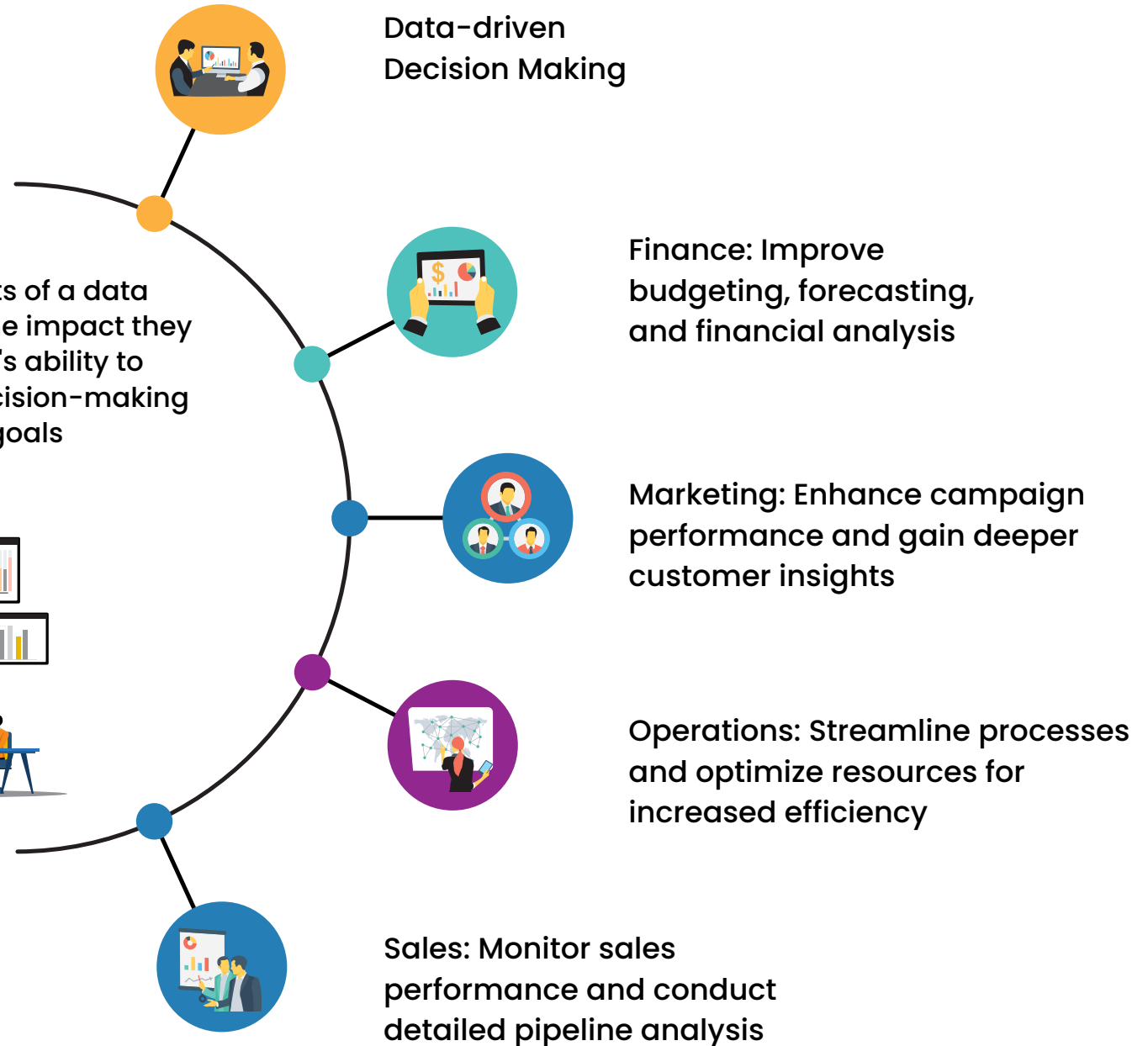
Power Query | Power Pivot | Power BI Desktop | Power BI Website | Power Apps | Integrating Artificial Intelligence in Power BI | Power Automate

## WORKSHOP - PRESENTATION AND INFERENCE ANALYTICS

Visualizations | Statistical Measures | Regression Analysis | Forecasting | Dashboard Layouts | Data Tables | Export & Sharing.

# How Power BI helps Organizations

Overall, the achievements of a data analyst are closely tied to the impact they have on an organization's ability to leverage data for better decision-making and achieving its goals



# Opportunities



**Business Intelligence:** Data analysts can work in business intelligence roles, where they analyze, and present data.



**Finance and Banking:** Data analysts help with risk assessment, fraud detection, investment analysis, and customer insights.



**Healthcare:** Data analysts in healthcare use data to improve patient care, streamline operations, and optimize healthcare delivery.



**Marketing and E-commerce:** Data analysts support marketing efforts by analyzing customer behavior, conducting market research, and optimizing campaigns.



**Technology and IT:** Data analysts in tech companies help in product development, user experience optimization, and network security.



**Education and Research:** Educational institutions and research organizations hire data analysts to work on research projects, and improve outcomes.



# Difference between Excel and PowerBI



## Microsoft Power BI

VS



## Microsoft Excel

More beautiful, personalised, and interactive reports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Simple & less attractive reports than Power BI
Supports advanced cross-filtering between charts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No advance cross-filtering between graphics
Optimal for dashboard, alerts, and KPIs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has advanced charting features but can't connect to a data model
Reports can be worked on by a large number of users	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Reports are limited to a specific number of users
Has more powerful analytics capabilities than Excel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fewer data analysis options
Faster processing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slower processing than Power BI

## Outcomes – Create stunning reports like below



Power BI dashboards are interactive, customizable, and dynamic visual displays of key data insights and metrics. They provide a consolidated view of important information from multiple data sources, allowing users to monitor the performance of their business or organization at a glance.



# Learn & Gain Certification From Microsoft



Earning a Microsoft certification can be a valuable way to validate your skills and knowledge as a data analyst. Here are steps to learn and gain a certificate from Microsoft.



Microsoft certifications can enhance your credibility as a data analyst and open up new job opportunities. Keep in mind that Microsoft's certification offerings may change over time, so it's important to check Microsoft's official certification website for the most up-to-date information on available certifications and related learning resources.



# Steps On How To Achieve



Becoming a data analyst involves a series of steps that typically include education, gaining relevant skills, and building practical experience. Here's a general roadmap to help you become a data analyst



## Educational Foundation:

Such as mathematics, statistics, computer science, economics, or a related quantitative field.



## Online Courses and Tutorials:

Take advantage of online courses, tutorials, to learn the necessary skills.



## Projects and Portfolios:

Networking, Build Domain Knowledge, & Continuous Learning

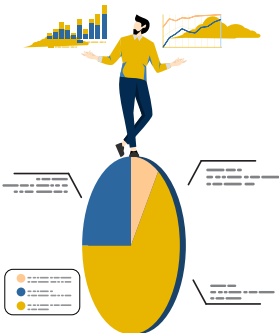
## Professional Development:

Consider joining professional organizations related to data analysis, such as the American Statistical Association or the Data Science Association



## Develop Key Skills:

- ▶ Statistics
- ▶ Programming
- ▶ Data Manipulation
- ▶ Data Visualization
- ▶ Machine Learning
- ▶ Tools and Software





**OUR PARTNERS**



# OUR CLIENTS



# PRINCIPAL COUNSELOR



**DINESH RM**  
MBA | PMP

**Chief Enterprise Architect & Portfolio Management**



**Experienced Portfolio Program & Project Manager**



**PMI Authorized Training Partner - Instructor**



**Mentor & Coach for Project Management, Risk Management, Data Science, Entrepreneurship & Business Management**

**1200+**  
Tasks  
completed



**500+**  
Projects  
Completed



**25+**  
Years of IT  
Experience

## TRAINER CREDENTIALS >>>





# CONNECT WITH US

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