TEAM ACADEMY

POWER BI
Data Analysis

Consulting | Implementation | Mentorship

Microsoft Partner

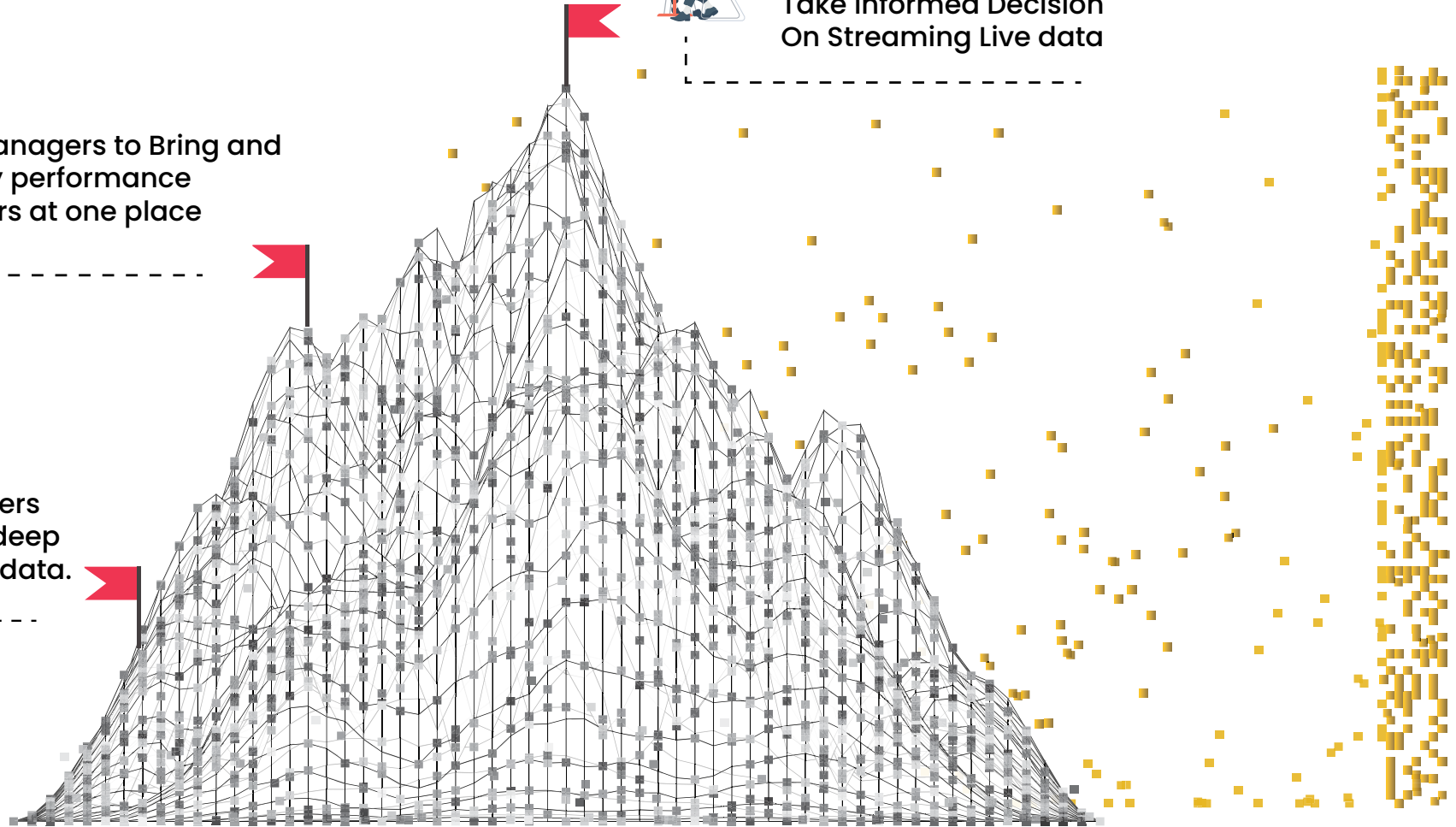
www.myteamacademy.com

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

Help Senior Executives
Take Informed Decision
On Streaming Live data

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

Helps Engineers
and Staff to deep
dive into the data.



What is Power BI?

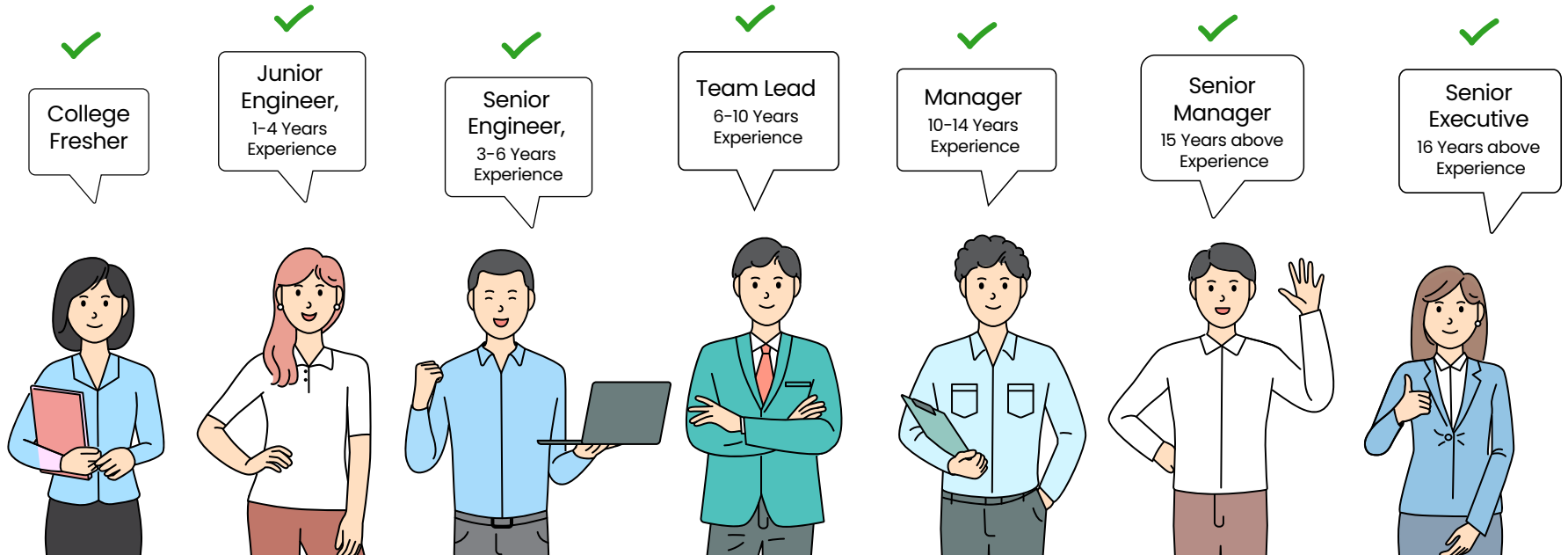
Power BI is designed to empower organizations by transforming raw data into actionable insights.

Data Visualization Capabilities: Transform complex data into easy-to-understand charts & graphs.

Interactive Dashboards and Reports: Create dynamic, user-friendly visualizations.

Sharing and Collaboration: Users can share and collaborate on reports using Power BI Service.

Target Audience



Course Modules

INDUCTION CLASS
Introduction to Power BI I Downloading Power BI & Adjusting Settings I Introduction to Curriculum I Exploring the Power BI Desktop Interface & Workflow ...

POWER QUERY
Data Source Connectivity I Data Validation I Query Dependencies I Query Parameters I Data Preview I Load into Power BI I Data Chasing I Data Transformation.

DATA MODELING
Data Loading I Relationship Building I Creating Data Measures I Data Hierarchies I Data Modeling Best Practices I Testing I Semantic Modelling

DAX FUNCTIONS
Aggregation Functions I Filtering Functions I Time Intelligence Functions I Date & Time Functions I Logical Functions I Ranking Functions I Time Functions I Statistical Functions.

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

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

DATA SCIENCE THEORETICAL CONCEPTS
Statistical Analysis I Regression Analysis I Predictive Analysis I Perspective Analysis I Descriptive Analysis I Time Series Analysis.

WORKSHOP - COMPONENTS OF POWER BI
Power Query I Power Pivot I Power BI Desktop I Power BI Website I Power Apps I Integrating Artificial Intelligence in Power BI I Power Automate

WORKSHOP - PRESENTATION AND INFERENTIAL ANALYTICS
Visualizations I Statistical Measures I Regression Analysis I Forecasting I Dashboard Layouts I Data Tables I Export & Sharing.

How Power BI helps Organizations

Data-driven
Decision Making

Finance: Improve budgeting, forecasting, and financial analysis

Marketing: Enhance campaign performance and gain deeper customer insights

Operations: Streamline processes and optimize resources for increased efficiency

Sales: Monitor sales performance and conduct detailed pipeline analysis

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.

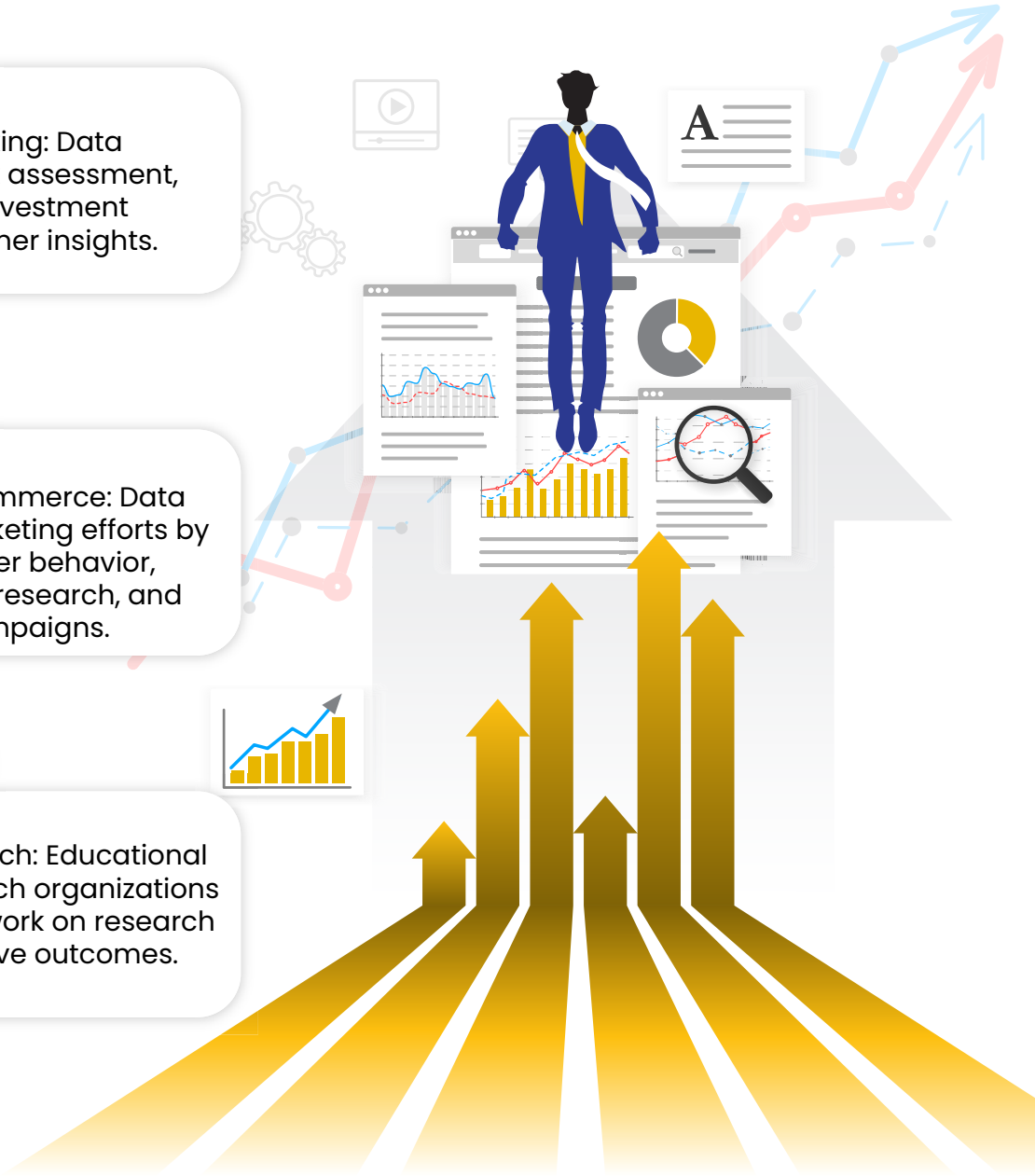
Finance and Banking: Data analysts help with risk assessment, fraud detection, investment analysis, and customer insights.

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.



TEAM ACADEMY

Difference between Excel and PowerBI

Microsoft Power BI

VS

Microsoft Excel

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

TEAM ACADEMY

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.

Microsoft Partner

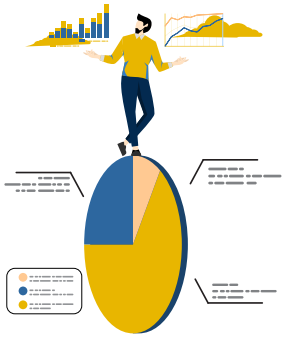
Team Academy is an authorized Microsoft partner, which offer various benefits, including access to resources, training, support, and opportunities to collaborate with Microsoft on delivering solutions. As a Microsoft partner, you may have access to a range of products and services, including software, cloud solutions, and other technologies.

TEAM ACADEMY

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.



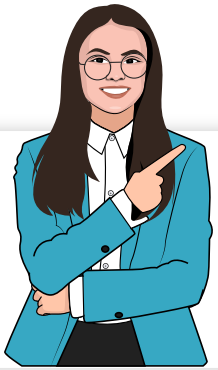
Develop Key Skills:
- Statistics
- Programming
- Data Manipulation
- Data Visualization
- Machine Learning
- Tools and Software

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

OUR PARTNERS



Click here for Quick Enrollment

OUR CLIENTS

شركة عبد الله عبد الغني وإخوانه ذ.م.م.
Abdullah Abdulghani & Bros.Co. W.L.L.

Qatari Investors Group
مجموعة المستثمرين القطريين

وزارة الأوقاف والشؤون الإسلامية
Ministry of Endowments and Islamic Affairs
State of Qatar • دولة قطر

مجموعة الفردان
Alfardan Group

PETROSERV
LIMITED

MEMBCO

pwc

APOLLO INDUSTRIAL
SERVICES

الإنشاءات
D
C
C
CONSTRUCTION DEVELOPMENT COMPANY

King's College
DOHA

MADINA
A MADINA GROUP COMPANY

ابنسترول
INSTROL

AL-KASHAF INTERNATIONAL
DESIGN & ENGINEERING CONSULTANCY

مجموعة العناية الصحية (ول كير) ذ.م.م.
Wellcare group

سدرة للطب
Sidra Medicine

MANNAI
CORPORATION

27
TechnoQ
Your Dedicated Partner

Sage

TEAM ACADEMY

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, Entre-preneurship & Business Management

1200+
Tasks completed

500+
Projects Completed

25+
Years of IT Experience

TRAINER CREDENTIALS

CHRIST Excellence and Service

Schola Genevensis 1559

PMI Project Management Institute Instructor PMP Authorized Training Partner

CompTIA CTT+

PMP

AXELOS Global Best Practice

IBM Enterprise Design Thinking Practitioner

Microsoft Certified Power BI Data Analyst Associate

Microsoft Certified Security, Compliance, and Identity Fundamentals

CONNECT WITH US

TEAM ACADEMY

USA: +1 307 289 56564

Singapore: +65 3158 0540

Malaysia: +60 1546 000058

Turkey: +90 212 900 3578

Philippines: +63 2823 12761

Qatar: +974 7079 7089

Saudi Arabia: +966 800 8803036

Bahrain: +973 6500 9724

UAE: +971 800 06512056

Click to WhatsApp Now

info@teamacademy.net

www.myteamacademy.com