POWER BI PROJECT MARATHON

POWER BI PROJECT CLUB

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Tina Okonkwo

- Microsoft Certified Data Analyst
- Three years experience across several industries.
- Train courses on Power BI, Data Visualization and Storytelling with Data.
- My goal is to help others kickstart their career in data analytics.
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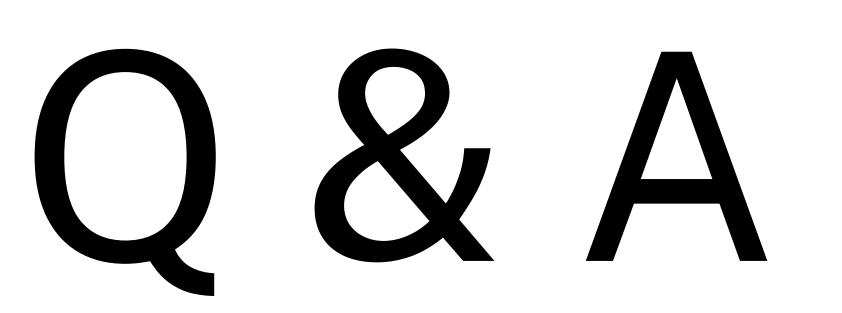- www.linkedin.com/in/augustina-okonkwo

OUR
LEARNING OBJECTIVES

- Gain hands-on experience in using Power BI to create dynamic and interactive dashboards/reports.
- Learn to design compelling visuals that communicate insights effectively.
- Learn how to frame business questions and use data to answer them effectively.
- Work on real-world projects that simulate common challenges faced by data analysts in various industries.
- Create four polished Power BI projects that can be showcased in a data analytics portfolio.
- Learn how to document projects.

FAQ

- Four hours of learning every saturdays with 5 mins break and 10 mins for questions within each hour
- YES, there will be certificate of Participation
- All Sessions will be recorded
- The Datasets and all the resourses will be provided
- Some of the sessions might be pre recorded so make sure you are subscribed to the YouTube Channel
- Make sure you are part of the whatsapp group and always check the announcement channel from time to time.

Q & A

Introduction

Dashboards are visualizations used as part of the business intelligence process to help key stakeholders understand data and make business decisions. It can be used to show trends, patterns, and relationships in data that would be difficult to see in a raw format. Most popular tools are Power BI & Tableau.

Here are some of the benefits of using a dashboard:

- Improved communication
- Better decision-making

TYPES OF DASHBOARDS

By Form:
- Static
- Interactive

By Function:
- Exploratory
- Explanatory

Things to keep in mind when creating a dashboard

What to present:
- Understanding
- Research
- Planning
- Mocking

How to present:
- Calculation
- Visualization
- Formatting

DASHBOARD REQUIREMENTS

Dashboard Purpose

- Why do you need the information and what action will be taken with it?
- What are your business questions?
- Who is the dashboard meant for?
- What are the KPIs?

Dashboard Design

- Is the dashboard meant to be exploratory or explanatory?
- How many tabs do you envision?
- Is there a color palette or font that should be used?

DASHBOARD REQUIREMENTS

Data Discovery

- Is there currently a data source?

- If not, what does the ideal data source look like?

- Are we dealing with a single source or multiple?

- How large is the data set?

Dashboard Design

- Is the dashboard meant to be exploratory or explanatory?

- How many tabs do you envision?

- Is there a color palette or font that should be used?

DASHBOARD REQUIREMENTS

Publishing/Sharing

- Where will this dashboard be published?
- What are the target dates?
- What should it be named?
- What default filters should be applied?

Project Steps

- Know the objective
- Understand the dataset
- Data Cleaning
- Data Modelling
- Data Analysis
- Data Visualization

Q & A