PROJECT ON POWER BI AND POWERPOINT PRESENTATION ON POWER BI

Submitted To:

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HARIDWAR,UTTARAKHAND,249402

(2023-2027)

Who Use Power Bi

Developers

Business Analyst

Data Analyst

Data Scientist

Ai Engineer

Deep learning

INTRODUCTION OF POWER BI

Power BI Visualization refers to the various ways data can be presented visually within Power BI through charts, graphs, maps, and other visual tools. These visualizations help users understand complex data patterns and make data-driven decisions. Power BI offers a wide variety of customizable visual elements to suit different analytical needs.

Feature of power Bi

- Data Integration: Connect to various sources such as Excel, SQL Server, cloud databases, and more.
- Data Transformation: Clean, transform, and shape data with Power Query.
- Real-Time Data: Monitor real-time data and get up-to-date insights for quick decision-making.
- Interactive Visualizations: Create charts, graphs, maps, and reports to present data visually.
- Custom Dashboards: Build personalized dashboards to track key metrics.
- Sales and Marketing: Analyze sales trends and marketing campaign performance.

PROBLEMS SOLVING

- Analyzing the Performance Sales based on Year
- To calculate total sales by sub-category
- To calculate total sales by product wise
- To calculate total sales of by category
- To calculate total sales Region
- To calculate total sales by ship mode

- To calculate overall total sales in a Super store grocery shop
- To calculate and analyzing total profit of a company
- To calculate how many quantity sold in a company
- To calculate total sales of a company sell increases from 1.5 times
- To apply forecasting or predication for future sales on bases of order date with sales and order date with profit for twenty days

Super Store Sales Dashboard

Sum of Sales and target

Total sales	Total Profit	Total Quantity
1M	132.52K	19K

Sub-Catego...

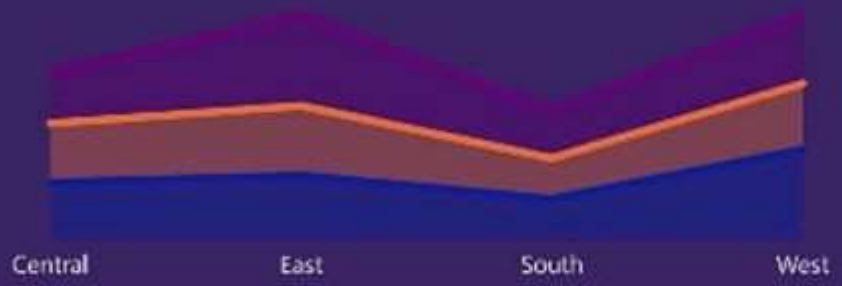
- Accessories
- Appliances
- Art
- Binders
- Bookcases
- Chairs

Region

- Central
- East
- Region
- South
- West

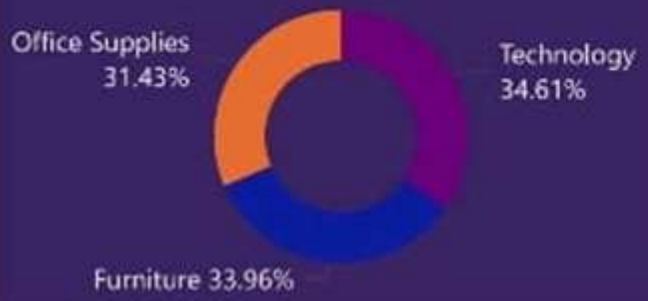
Sum of Profit by Ship Mode

Sum of Sales by Region and Category

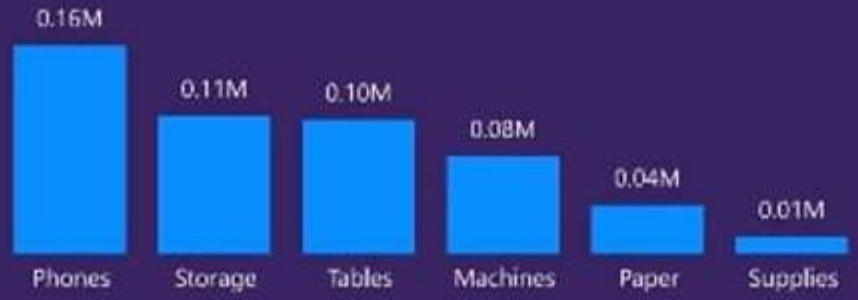


Sum of Sales by Segment

Sum of Sales by Category



Sum of Sales by Sub-Category



Sum of Sales by Year

Superstore sales Forecast -20 days Forecast

Region

All

What is Business Intelligence Tool

Business Intelligence (BI) refers to the technology-driven processes, tools, and methodologies used to collect, analyze, and present business data. The goal of BI is to help organizations make informed decisions by transforming raw data into actionable insights. BI systems integrate data from various sources, analyze it, and provide reports, dashboards, and visualizations to support decision-making

Examples of Business Intelligence Tools:

- **Microsoft Power BI** (Microsoft)
- **Tableau**
- **Microsoft Excel**
- **Looker**
- **SAP BusinessObjects**

Why Use Power Bi From Other Business Intelligence Tool

. Real-Time Analytics:

- Businesses can monitor and act on real-time data, allowing them to respond quickly to changes, detect issues, and capitalize on opportunities as they arise.

Customizable Visualizations:

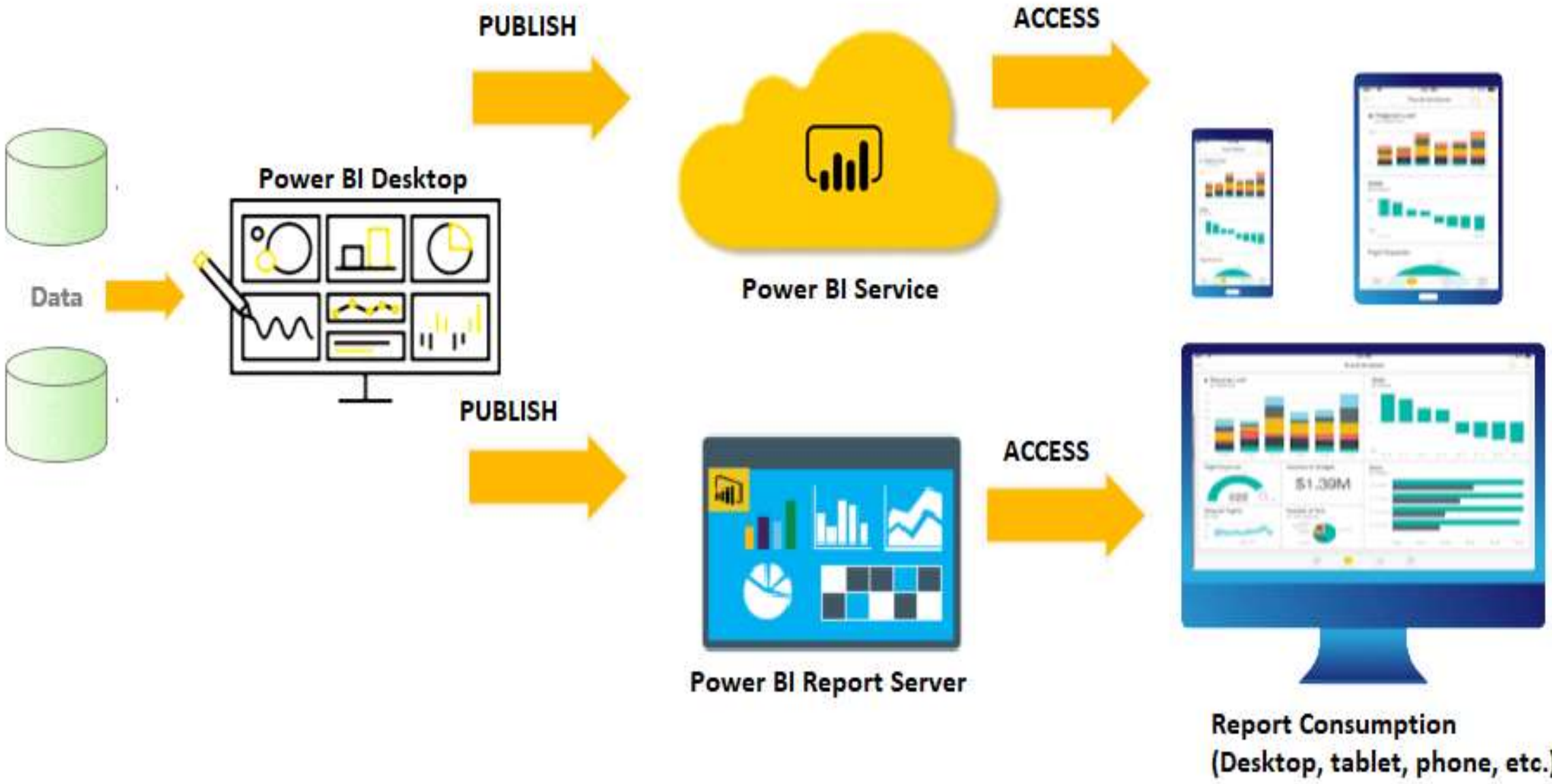
- Power BI provides a wide range of visualizations (charts, graphs, maps, etc.) that can be customized to match business needs, making data analysis intuitive and easy to interpret.

Advanced Analytics and AI:

- With built-in AI and machine learning capabilities, Power BI helps uncover patterns, trends, and insights from data that may not be easily detectable by manual analysis.

AI and Machine Learning Capabilities:

- Power BI has built-in AI tools that allow users to discover hidden patterns in the data, make predictions.


PUBLISH
ACCESS
Power BI Desktop
Data
Power BI Service
PUBLISH
ACCESS
Power BI Report Server
Report Consumption
(Desktop, tablet, phone, etc.)

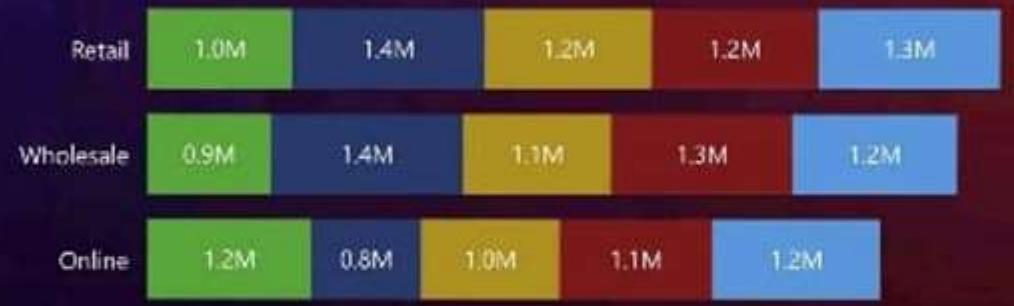
Dairy Goods Sales Performance

58.73M

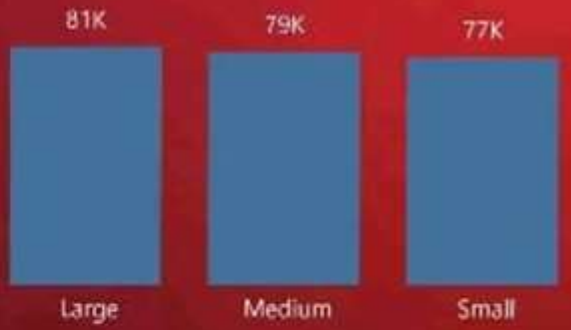
Product
- Butter
- Butterm...
- Cheese
- Curd
- Ghee
- Ice Crea...
- Lassi
- Milk
- Paneer
- Yogurt

Location
- Jhark...
- Karna...
- Kerala
- Madh...
- Mahar...
- Rajast...
- Tamil ...
- Telan...
- Uttar ...
- West ...

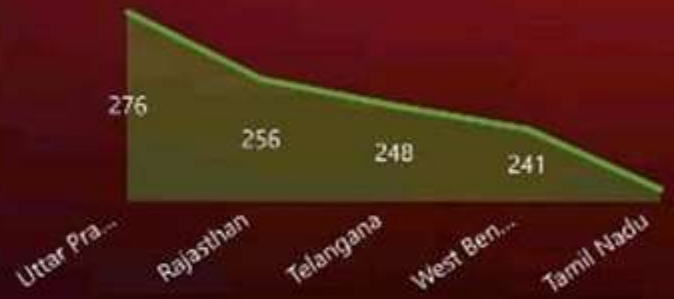
Sum of Approx. Total Revenue(INR) by Sales Channel and Customer Location



Sum of Number of Cows by Farm Size



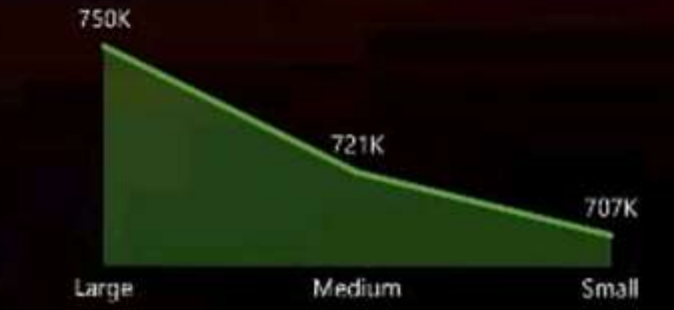
Production of products by Farm Size by Location



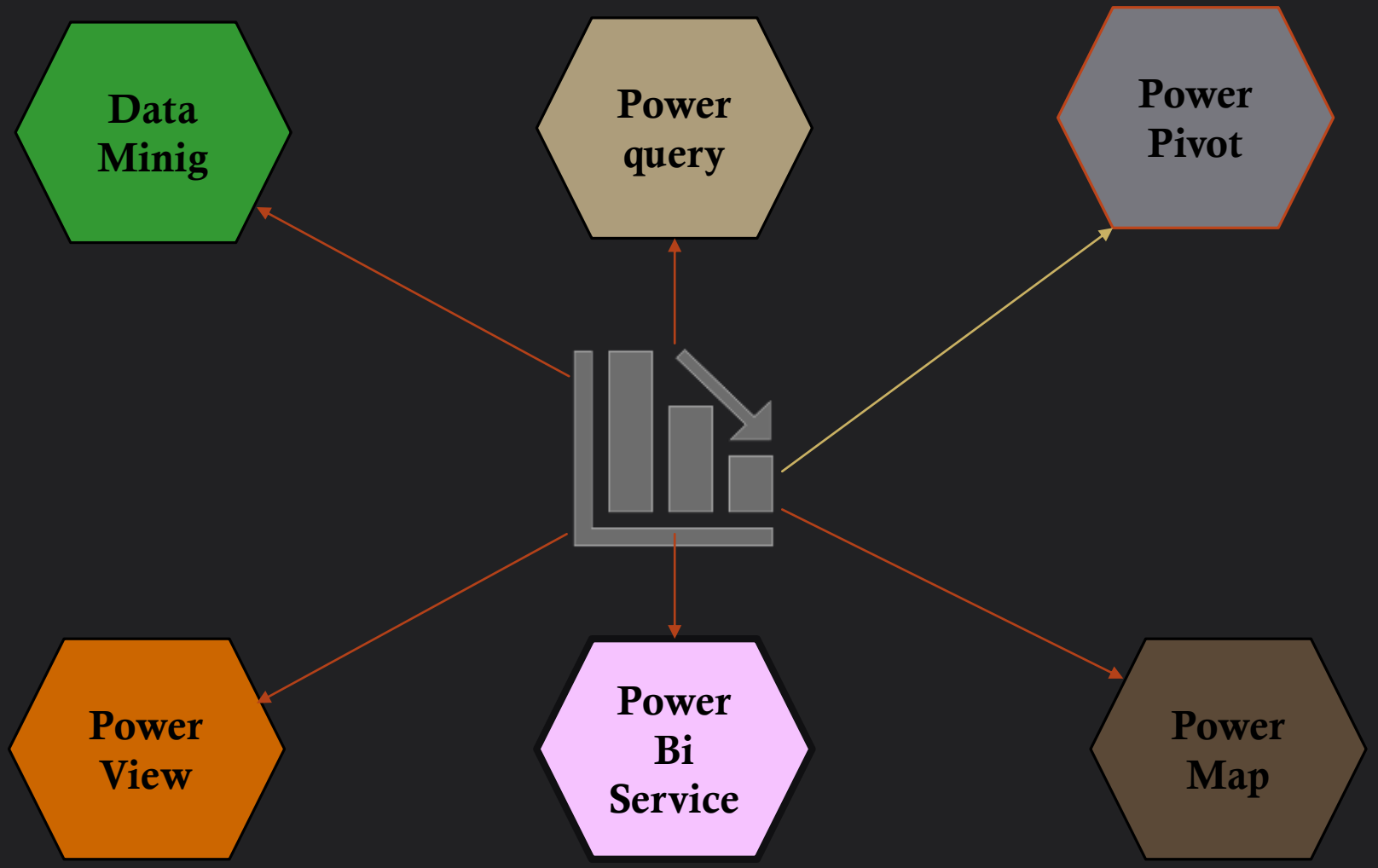
Sum of Total Value by Sales Channel

Average of Shelf Life (days) by Product Name and Storage Condition

Sum of Total Land Area (acres) by Farm Size



POWER BI COMPONENT



100%
EVOLUTION
78%
STATUS

udemy

Certificate no: UC-2636246c-c013-4fa5-a3ea-f047fcd39d04
Certificate url: ude.my/UC-2636246c-c013-4fa5-a3ea-f047fcd39d04
Reference Number: 0004

CERTIFICATE OF COMPLETION

Python Complete Course For Python Beginners

Instructors **Horizon Tech**

Vishal Kumar

Date **Oct. 4, 2024**
Length **7.5 total hours**

Thank
You