ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Orientation, Setup of power Bi environment	Familiarity with powerBi interface and tools.	
Day - 2	Introduction to the data lifecycle	understanding the stages from data Collection	
Day – 3	Overview of data sources relevent to the internship	Identifying and accessing relvnt data sources	
Day – 4	Basic data import and exploration in PowerBi.	Ability to import data and perform initial exploration	
Day – 5	Recap and Q & A	Clarified doubts and reinforced concepts.	
Day –6			

WEEKLY REPORT

WEEK – 1 (From Dt..... to Dt .....)

Objective of the Activity Done:
Detailed Report: Orientation setup of power BI-environment Introduving to the data lifecycle · Overview of data source relevent to the internship · Basic data import and exploration in PowerBi · Basic data import and exploration in Power Bi · Recap and Q & A · familarity with powerBi interface and tools · understanding the stages from data collection · Identifying and accessing relevent data source · Ability to import data and perform initial exploration · Clarified doubts and reinforced concepts.

2nd

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Introduction to data cleaning technique	Understanding the importance of clean data	
Day - 2	Hands-on data cleaning using power Query	Ability to clean and prepare data	
Day – 3	Handling missing data and outliers	Technique to manage data quality.	
Day – 4	Data transformation technique	Applying transformation like normalization	
Day – 5	Summary of the week's learnings	Consolidated understanding of data.	
Day –6			

WEEKLY REPORT

WEEK – 2 (From Dt..... to Dt .....)

Objective of the Activity Done:

Detailed Report: Introducing to data cleaning techniques. Understanding the importance of clean data. Hands on data cleaning power query. Ability to clean and prepare data. Handling missing data and outliers. Technique to manage data quality. Data transformation Technique Applying transformation like normalization Summary of the week's learning. Consolidated understanding of data.

ACTIVITY LOG FOR THE 3rd FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Introduction to data visualization Concepts	Basics of effective data visualization	
Day - 2	Creating basic visualizations in Power BI	Ability to create charts, graphs and report	
Day – 3	Building interactive dashboards	Developing dashboards for data exploration	
Day – 4	Exploratory Data Analysis.	Gaining insight through visual data.	
Day – 5	Review and feedback on dashboard	Improving visualization on feedback	
Day –6			

WEEKLY REPORT

WEEK - 3 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report: Introducing to data visulization Concepts Basic of effective data visualization Creating basic visualization in Power Bi. Ability to create charts, graphs and Report. Building interactive dashboards. Developing dashboards for data exploration. Exploratory Data analysis. Gaining insight through visual data. Review and feedback on dashboards. Improving visualization on feedback.

6th

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Introduction to DAX	Understanding and applying DAX for Calculation	
Day - 2	Statistical technique for trend analysis	Ability to analyze trends and pattern in data	
Day – 3	Building predictive models	Basics of predictive analytics	
Day – 4	Incorporating advanced analytics into dashboards	Enhancing dashboards with predictive	
Day – 5	Recap and practise session	Solidifying advanced analytic skills.	
Day –6			

WEEKLY REPORT

WEEK – 1 (From Dt..... to Dt .....)

Objective of the Activity Done:

Detailed Report: Introduction to DAA. understanding and applying DAA for calculation. statistical technique for trend analysis. Ability to analyse trends pattern in data. Building predictive models Basics of predictive analysis. Incorporating advanced analysis into dashboards Enhancing dashboards with predictive. Recap and practise session. Solidifying advanced analytical skills.

5th

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Introduction to performance optimization	understanding factors that impact data model.	
Day - 2	Performance tuning with large datasets.	Technique to handle and optimize size	
Day – 3	Performance tuning in PowerBi	Reducing query load and optimizing	
Day – 4	Streamling dashboard for better user experience	Creating faster more responsive	
Day – 5	Finalizing optimized dashboards	Completed a set of high-performance	
Day –6			

WEEKLY REPORT

WEEK – 5 (From Dt..... to Dt.....)

Objective of the Activity Done:
Detailed Report: Introduction to performance optimization. Understanding factors that impact data model. Performance testing with large datasets. Techniques to handle and optimize size. Performance tuning in Power BI. Reducing query load and optimizing data. Streamling dashboards for better user experience. Creating faster, more responsive, finalization optimized dashboards. Completed a set of high-performa

6th

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Introduction to real world datasets challenges	Understanding the Complexity	
Day - 2	Identifying data quality issue	Techniques to diagnose and address	
Day – 3	Hands - on practise with a mystay dataset -	Experience in cleaning and transforming	
Day – 4	Case study analysis	Applying learned skills to a real world	
Day – 5	Mini-Project Submission	Practical experience in end to-end data analysis	
Day –6			

WEEKLY REPORT

WEEK – 6 (From Dt..... to Dt.....)

Objective of the Activity Done:
Detailed Report: Introduction to real world data-sets challenges. Understanding the complexity. Identifying data quality issue. Techniques to diagnose and address. Hands on practise with a messy dataset. Experience in cleaning and Transforming. Case-study Analysis. Applying learned skills to a real world. Mini-Project submission. Practical experience in end-to end data analytics.

7th

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Introduction to reporting best practise	understanding principles of effective data	
Day - 2	Developing detailed reports in Power Bi	Ability to create Comprehensive	
Day – 3	Documentation analysis and finding	Technique for thorough and clean	
Day – 4	Data Story telling and presentation skills	Crafting Compelling narrating from data	
Day – 5	Finalizing reports and documentation	Completed professional-level report	
Day –6			

WEEKLY REPORT

WEEK-4 (From Dt..... to Dt.....)

Objective of the Activity Done:
Detailed Report: Introduction to reporting best practise. Understanding principles of effective data. Developing detailed reports in PowerBi. Ability to create comprehensive documentation analysis and finding. Techniques for thorough and clean data by testing and presentation skills. Crafting compelling narratives from data. Finalizing reports and documentation. Completed professional level report.

8th
ACTIVITY LOG FOR THE ~~FIRST~~ WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	finalizing the end-to-end project	Bringing together all skills in cohesive	
Day - 2	Preparing the project presentation	effective presentation techniques for data work	
Day – 3	Dry run of the presentation	Practice delivering a polished	
Day – 4	Delivering the final presentation	Successfully presenting the project.	
Day – 5	Feedback and reflection	Receiving feedback and reflecting journey	
Day –6			

WEEKLY REPORT

WEEK – 7 (From Dt..... to Dt.....)

Objective of the Activity Done:
Detailed Report: Finalizing the end to end product. Bringing together all skills in cohensive. Preparing the project presentation. Effective presentation technique for data work. Day run of the presentation Practise during a finished. Delivering the final presentation. Successfully presenting the project. Feedback and reflection Receiving feedback and reflecting journey.

CHAPTER 6: OUTCOMES DESCRIPTION

Describe the work environment you have experienced *(in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)*

1) Technical Focus :- Analysts often work with various data tools and technologies, such as SQL for querying databases, Python &c.

2) Analytical Tasks :- The core of the work involves analyzing large datasets to uncover trends, patterns and insight.

3) Collaborative Environment :- Analysts frequently work in teams with data professionals, including data engineers, scientists and business stakeholders.

4) Fast-Paced and Dynamic :- The work can be fast-paced, with shifting priorities based on business needs & project deadlines. Flexability and adaptability are important traits.

Describe the real time technical skills you have acquired (*in terms of the job- related skills and hands on experience*)

1) Data Collection and Integration: Proficiency in using tools and technologies to gather and integrate data from various sources

2) Data cleaning and Transformation: Skills in preprocessing data to handle missing values and outliers, ensuring the dataset.

3) Real-Time data processing:- Knowledge of technologies like Apache Kafka, Apache Flink to process data streams in real-Time

4) Data visualization:- Ability to use tools such as Tableau, Power BI, & custom dashboards to present dashboards to present data in a clear, actionable format.

5) Statistic Analysis:- Competency in applying the data into the dashboard.

Describe the managerial skills you have acquired *(in terms of planning, leadership, team work, behaviour, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.*

In data analytics, managerial skills are crucial for leading teams, managing projects and driving strategies initiatives.

1) Project Management:- Proficiency in planning executing and overseeing data analytics projects including setting timelines.

2) Team leadership:- Ability to lead and motivate data analytics teams, fostering collaboration and guiding team members.

3) Stakeholder communication:- Skills in effectively Communicating finding, recommendation and technical details to non technical stakeholders.

4) Strategic Planning:- Capability to develop and implement data driven strategies that align with organization goals.

Describe how you could improve your communication skills *(in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc.,)*

Improving Communication Skills in data analytics involves several strategies :-

1) Understand the audience: Tailor your communication based on the audience's technical jargon

2) Use clear visualization:- Develop clear and intuitive visualization to represent data finding effectively.

3) Develop story telling Abilities:- Frame data insights within a Compelling narrative that Connects with the audience needs & business objectives.

4) Practise Data presentation:- Improve ou presentation skills to learn to clearly articulate data.

Describe how could you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity.

1) Active Listening:- Pay close attention to what others are saying. This helps in understanding different perspectivities.

2) clear communication:- Articulate your ideas and data insights clearly and concisly.

3) Encourage Collaboration:- Foster an environment where team members feel comfortable sharing their ideas.

4) Be prepared:- come to discussion well-prepared with data, analysis and relevent question or suggestion.

This demonstrate your commitment and enables your communication skills.

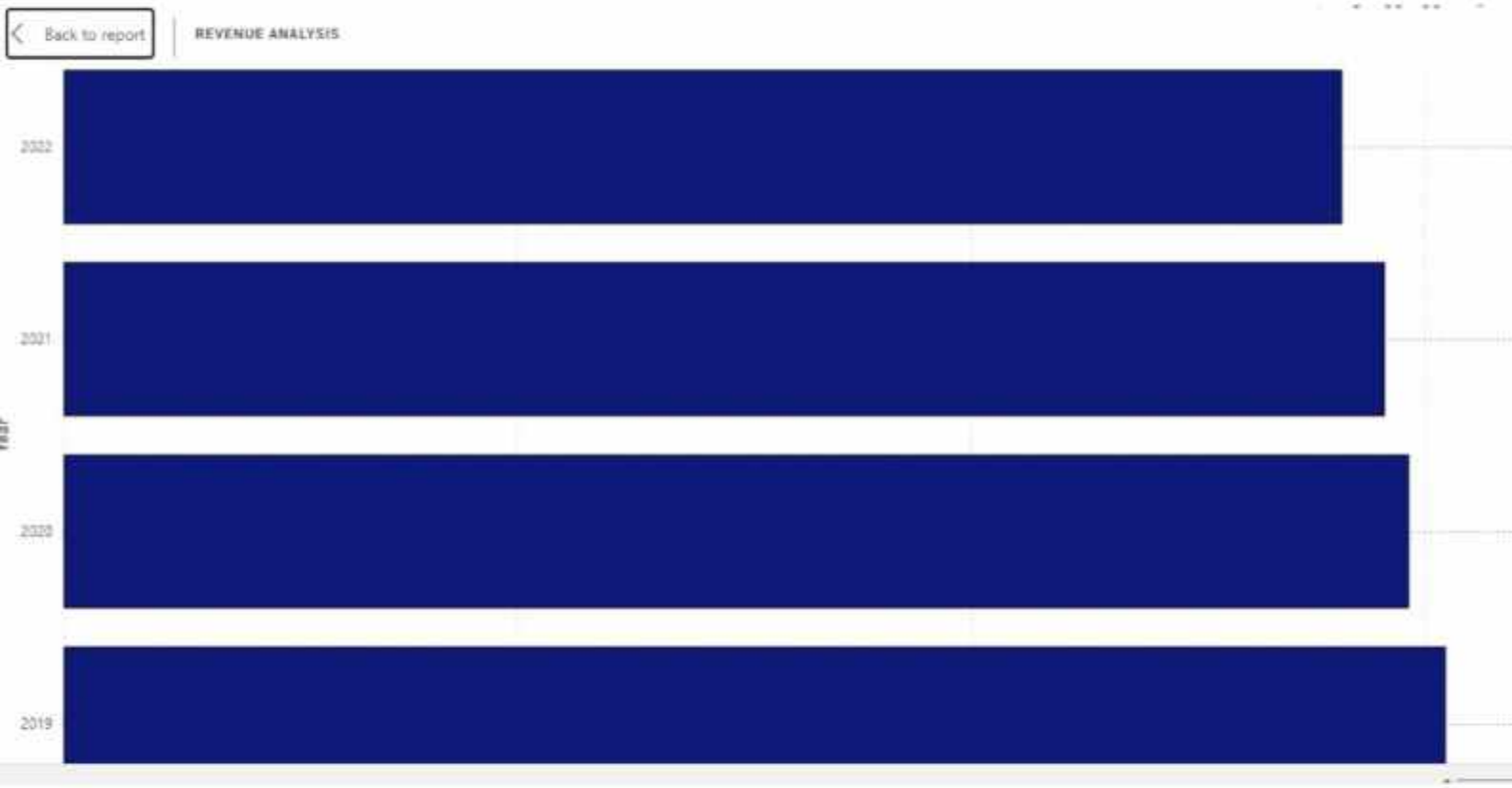
Describe the technological developments you have observed and relevant to the subject area of training *(focus on digital technologies relevant to your job role)*

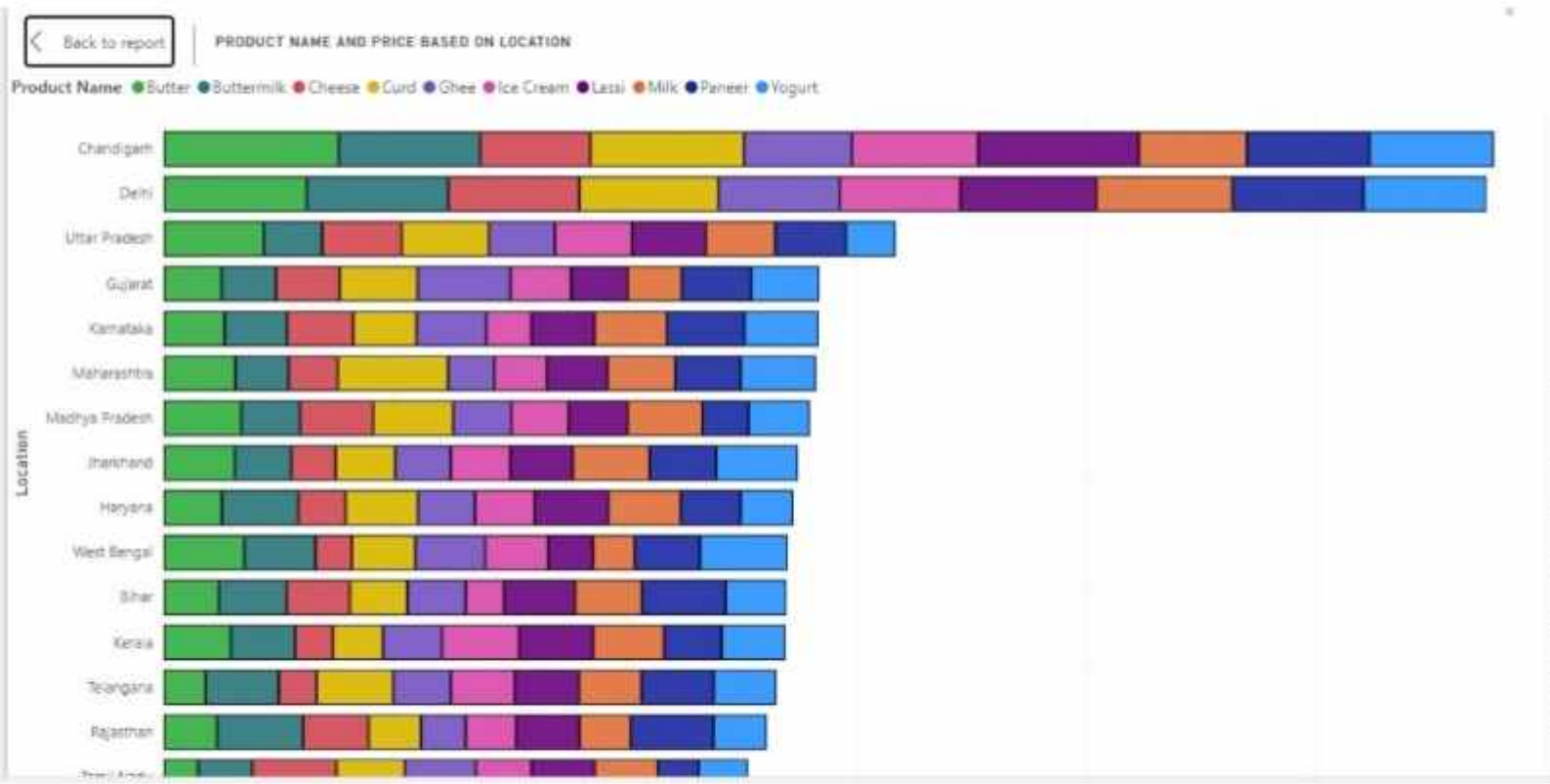
Recent Technological development in data analytics have significantly advanced the field. Key advancements include :-

1) AI and Machine Learning :- The integration of artificial intelligence and machine learning models for advanced.

2) Real Time Data Processing :- Technologies like Apache Kafka, allowing organization to make immediate decisions based on current data.

3) Cloud computing :- cloud platforms such as AWS, Google Cloud and Microsoft Azure offer scalable data storage and processing solutions. These platforms provide powerful analytics tools and reduce infrastructure costs.


Back to report
REVENUE ANALYSIS
2022
2021
2020
2019


Back to report
PRODUCT NAME AND PRICE BASED ON LOCATION
Product Name
Butter
Buttermilk
Cheese
Curd
Ghee
Ice Cream
Lassi
Milk
Paneer
Yogurt
Location
Chandigarh
Delhi
Uttar Pradesh
Gujarat
Karnataka
Maharashtra
Madhya Pradesh
Jharkhand
Haryana
West Bengal
Bihar
Kerala
Telangana
Rajasthan

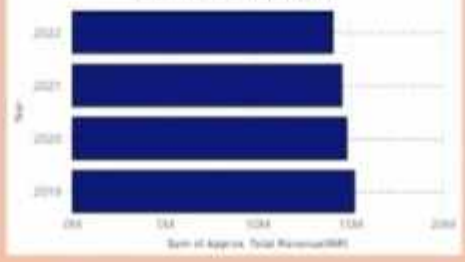
Back to report

PRICE UNITS AND THEIR PRODUCTS

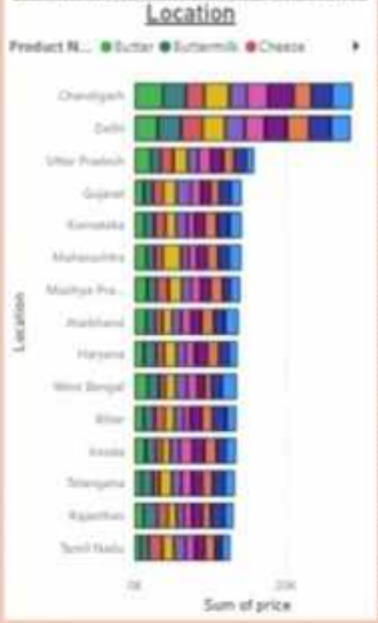
Dairy Delights: Analyzing Sales Trends In Dairy Goods

Price Units and their Products

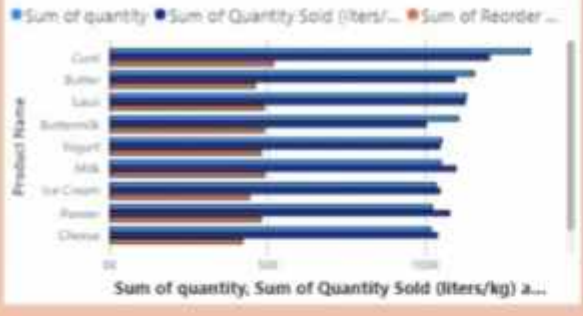
Revenue Analysis



Product Name and Price based on Location



Quantity of Stock Sold and Reordered



Analysis of Sales Channel and Price Units