

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Introduction of data analytics.	Analysis of the topic	
Day - 2	Introduction of data Analytics.	Analysis of the topic	
Day - 3	Agenda and understanding customers	clear view of business problem and solutions.	
Day - 4	Analysis and implementing data	Putting the data in visual form	
Day - 5	data Analytics application.	where learned about different tools and insights.	
Day - 6	Researched the additional information online.	additional information about DA	

WEEKLY REPORT

WEEK - 1 (From Dt. 3/7/24 to Dt. 5/7/24....)

Objective of the Activity Done: Introduction to Data Analytics and Power BI

Detailed Report: In the first week, We were introduced to the fundamentals of data analytics, Emphasizing the role of data - driven decision - making in Modern businesses . The Session covered the basics of data analysis , Different types of data, and importance of data visualization.

We also explored Power BI, understanding its interface , features , and how it integrates with other micro soft Products.

The week concluded with a hands - on session on loading and transforming data in Power BI

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Introducing of Data Analytics applications	learned about different tools and insights.	
Day - 2	Data Analytics applications.	Where it is used in diff sec	
Day - 3	Data Analytics process applications. and steps in DA	learned about data clearing and processing	
Day - 4	Data Analytics process and steps in DA .	learned about data clearing and processing	
Day - 5	Types of data Analytics.	different types in DA in clear way	
Day - 6	Revision on given topics.	Revised about DA	

WEEKLY REPORT
WEEK-2 (From Dt...8.1.24...to Dt.....12.07.24.)

Objective of the Activity Done:

Data transformation and modeling

Detailed Report:

The Second week focused on data transformation and modeling within Power BI

We learned to clean, reshape, and prepare data using Power Query Editor. The training covered essential functions like filtering, merging, and appending data sets.

Additionally, we were introduced to data modeling concepts such as relationship, cardinality, and data hierarchies.

The practical sessions helped reinforce these concepts by allowing us to create and manage data models effectively.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Business Problems and the Solutions (Practise)	challenges faced in organizations.	
Day - 2	business problems and the solutions. (practise).	challenges faced in organization.	
Day - 3	Power BI in Action.	Visible insights & sales for cost	
Day - 4	BI Architecture.	learned about structure.	
Day - 5	BI Architecture.	learned about structure	
Day - 6	Revision on given topics.	Revised about DA	

WEEKLY REPORT
WEEK-3 (From Dt....15/7/24.....to Dt....19/7/24.....)

Objective of the Activity Done:

Data visualization Techniques

Detailed Report:

In the third week, The emphasis was on data visualization techniques using Power BI. We explored various types of charts, graphs, and maps that can be created in Power BI to visualize data insights.

The sessions included best practices for selecting the right visualizations based on the type of data and the message we want to convey. We also learned about customizing visual elements, using themes, and enhancing reports with interactive features like sliders and drill-throughs.

ACTIVITY LOG FOR THE FOURTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Data to insights flow in Power BI	learned about data and model view.	
Day - 2	Tables and merges.	learned about the kinds in merge.	
Day - 3	Tables and merges.	learned about the kinds in merge.	
Day - 4	ETL tools in Power Query	Whilize power BI data flows.	
Day - 5	ETL tools in Power Query.	Whilize power BI data flows.	
Day - 6	Researched the additional information online	additional information about BI	

WEEKLY REPORT
WEEK-4 (From Dt...22/7/24..... To Dt....26/7/24.....)

Objective of the Activity Done:

Advanced Analytics and DAX

Detailed Report:

Week Four delved into advanced analytics and Data Analysis Expression (DAX) in Power BI.

We learned how to create calculated columns, measures, and custom tables using DAX functions such as time intelligence filtering, and aggregation.

We also explored advanced analytical techniques like trend analysis, forecasting and what if scenarios.

The week ended with exercises to build dynamic reports using DAX-driven insights.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Data sources dashboards and insights.		
Day - 2	Data collection and data cleaning	Learned about the process in DA	
Day - 3	Data collection and data cleaning	Learned about the process in DA	
Day - 4	Data Analytics Expressions (DAX)	Learn about the expression and functions.	
Day - 5	Data Analytics Expressions (DAX)	Learned about the expression and functions.	
Day - 6	Discussion regarding Project	Discussed about Project	

WEEKLY REPORT
WEEK-5 (From Dt..29/7/24... To Dt....2/8/24.....)

Objective of the Activity Done:

Power BI Service and Collaboration

Detailed Report:

The fifth week covered the Power BI Service and its collaborations features.

We have learned how to publish report to the Power BI service, share dashboards, and collaborate with team members in real time. The sessions emphasized data security, row-level security (RLS), and managing workspaces.

We also explored Power BI's integrations with other Microsoft tools like Excel, Teams, and SharePoint, making it easier to collaborate and share insights across the organizations.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	filter functions in DAX	different filters in DAX	
Day - 2	filter functions in DAX	Different filters in DAX	
Day - 3	Preparations for grand assessment test.	Preparation for assessment test	
Day - 4	Preparation for grand assessment test.	gave the grand assessment test	
Day - 5	grand assessment test.	give the grand assessment test	
Day - 6	Researched the additional information online.	additional information about BI	

WEEKLY REPORT
WEEK-6 (From Dt....5/8/24..... to Dt.....9/8/24.....)

Objective of the Activity Done:

Best Practices and Industry applications

Detailed Report:

In the final week of internship classes, we focused on best practices in data analytics and real world applications of Power BI across various industries.

We discussed key strategies for optimizing data models, enhancing report performance, and maintaining data governance.

The sessions also include case studies showcasing how companies use Power BI for business intelligence, sales analytics, financial reporting and operational efficiencies. The week wrapped up with an overview of the upcoming project work.

WEEKLY REPORT
WEEK-7 (From Dt..12. / 8/24..... to Dt..16. / 8/24.....)

Objective of the Activity Done:

Project Work data Analysis and Visualizations.

Detailed Report:

The Seventh Week marked the beginning of the Project Phase. Our project name was unlocking insights : analysis Euro league 2023 trends with Power BI

The Project involved analyzing a data set provided by Smart intenz . And transforming the data and remove the nulls in the data and next load into the Power BI

In Power BI we have to create a some graphs, bar charts and pie charts and also creating the dash boards in the power BI

ACTIVITY LOG FOR THE SEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Team Allotment	Selection of team leads and team members.	
Day - 2	Mentor Allotment	Assigning mentor to each team.	
Day - 3	Team Project topic selection and Division of team project tasks.	Divided the Project tasks into a systematic Project out flow / layout.	
Day - 4	Collecting the Data	Collect the data from Kaggle web site.	
Day - 5	Create a visualization in the given data.	Create the visualization like graphs, bar graph, and pie chart etc.	
Day - 6	Create the dashboard.	Create dashboard in the Power BI	

ACTIVITY LOG FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Creating the report about the Project	Create the report in Power BI	
Day - 2	Video Demonstration of Project	Create video Demonstration on Project	
Day - 3	Project report writing	Drafting the final Report	
Day - 4	Project report writing.	Drafting the final Report	
Day - 5	Register the Github for upload the data	Upload the dash board and reports in the Github	
Day - 6	Project Report finalisation and Submission.	Conclusion and Submission of final Report	

WEEKLY REPORT
WEEK-8 (From Dt...19/8/24..... to Dt...23/8/24.....)

Objective of the Activity Done:

Finalization and Presentation

Detailed Report:

In the final week . We complete the Project reports and weekly reports in the project.

We complete the project by refining our reports and dashboard , ensuring they met the project requirement.

And our team sign up into the GitHub . and upload the dashboard and reports and creating video demo about the project . This are uploading in the Github.

The project was well received marking a successful conclusion to be the inten ship.