

Skills

Python

Libraries: Pandas, Matplotlib, Numpy, Seaborn

R Programming

Data Visualization and analysis

Machine learning

Decision tree, Neural Network, Naïve Bayes , SVM

Power Bi

Tools: DAX , Power Query

SQL

Software: MySQL

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

Projects/ Internships

LOAN DEFAULT PREDICTION – Personal Project

December 2024 –May 2024

- Problem Statement : Loan defaults can result in significant financial losses for banks .During the loan approval process, evaluating the client is crucial to minimize the risk of loan default or non- payment
- Aggregated and visualized the data by using **Data transforming , Normalization and Feature selection methods** to compile a professional report
- Compared and valued the performance of algorithms such as ANN , Decision tree, SVM , Ensemble learning algorithms
- Conclusion : Increase the accuracy of loan assessments by predicting loan defaults through ML modeling

CUSTOMER SALES ANALYSIS – Personal Mini Project

September 2023

- Extract data from Kaggle where the dataset contains 1000 data
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Loaded and visualized data with **Python** to identify key business intelligences that can improve sales performance

VIRTUAL INTERNSHIPS: POWER BI – PWC

August 2024

- Completed a job simulation where I strengthened my PowerBI skills to better understand clients and their data visualization needs.
- Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
- Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.

VIRTUAL INTERNSHIPS: DATA VISUALIZATION – ACCENTURE

August 2024

- Completed a simulation focused on advising a hypothetical social media buzz as a Data Analyst at Accenture
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

Experience

GANGES INTERNAIONAL PVT – Setharapet – Pondicherry

June 2024 - August 2024

- Enhanced communication and presentation skills through client interactions and internal meetings
- Implemented a new reporting using Excel Pivot and VBA which help reduced processing time by 50%

Education

MASTER OF SCIENCE IN DATA SCIENCE– Annamalai University – Chidambaram

September 2022 – May 2024 8.34

BACHELOR OF SCIENCE IN CHEMISTRY– St.Joseph's College Of Arts and Science – Cuddalore

June 2019 – July 2022 9.12