Praveena Thopuru

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🔖 PROFILE

I am a self-motivated Data Science aspirant learning data science for a while. I have 2 + years of Experience Using Predictive Modelling, Data Processing, hands-on experience leveraging machine learning. Always curious to learn something new in the field of Data Science and AI.

🎓 EDUCATION

Master Of Computer Science(MCA),   2018 – 2021
Sri Padmavathi Mahila Visvavidyalayam,CGPA - 8.16

Bachlore of Science(BSc),   2015 – 2018
Vikrama Simhapuri University, CGPA - 8.90

🧠 SKILLS

Python	Machine Learning	Data Analysis	Deep Learning	Statistics
Seaborn	Numpy	Pandas	Matplotlib	Data Visualization	SQL
PowerBI	Sklearn

💼 PROFESSIONAL EXPERIENCE

Data Analyst/Software Engineer, Capgemini 🔗   06/2022 – present

Project Name : Identifying Credit Card defaulters

Description : The Objective of the project is to build a model for analyzing the credit score and predicting the payment potential of the customers based on the previous transaction and KYC information.

Responsibilities:

- Selecting features, building and optimizing classifiers using machine learning techniques.
- Involved in Data Preprocessing Techniques for making the data useful for creating Machine Learning models.
- Enhancing data collection procedures to include information that is relevant for building analytic systems.
- Processing, cleansing, and verifying the integrity of data used for analysis.
- Used Decision Tree and Random Forest for prediction
- Publish the reports, Manage groups, Users, reports, Data sources, and data connections in Power BI service.
- Created various regression and classification algorithms by using various Sklearn libraries such as Linear Regression,Decision Trees, Naïve Baye's.

Data Analyst/Software Engineer, Capgemini   09/2021 – 05/2022
Project Name : Reinsurance Power BI Reports
Description : The Objective of the project is to create 12 Power BI Reports as per user requirement.
Responsibilities:

- Gathered requirements from stakeholders and prepared Functional Specification Documents.
- Modeled data as per requirement in Query Editor using Joins, Custom Columns, Append and Merge Queries.
- Created interactive reports as per user requirements using different visualizations and Power BI features.
- Worked on Time Intelligence DAX function to display data to users.
- Created Landing Page for users to access Reports directly.
- Publish the reports, Manage groups, Users, reports, Data sources, and data connections in Power BI service.
- Created System Appreciation Documents and trained users in Power BI.

🗁 PROJECTS

Stroke Prediction, Predicting the possibility to get brain stroke
Description :

- The objective is to Predict if the patient is likely to get a stroke based on the input parameters.
- Experimented with all models like Random Forest, Logistic Regression, Support Vector Machine and Naive Bayes

Sports Analytics Dashboard, Dashboards created analyzing cricket data
Description:

- Made a lot of dashboards related to cricket analyzing overall team performance and some patterns in scoring runs, losing wickets, etc.
- Analyzed KL Rahul's T20I, Test, and IPL career and brought some insights of KL Rahul out of it.
- Used the power of DAX functions to create new features from existing data and also
- made use of the various KPIs of Power BI to make dashboards more compelling.