CHARUMATHI C
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EXECUTIVE SUMMARY

An Enthusiastic individual with Post Graduation Diploma in Data Analyst with a good knowledge and skills to use python, SQL, and tools like Tableau and PowerBI. Passionate about using those skills and Knowledge in a practical environment. Additionally skilled in problem solving, decision making and analytical skills. Looking for opportunity to utilizing these skills where I can grow personally and professionally.

EDUCATION

2022   **Imarticus Learning**   **Tamil Nadu, India**

● Post-Graduation Diploma in Data Science (In Progress)
- Data Analysis and visualisation using Python libraries (NumPy, Pandas, Matplotlib, Skit Learn, Seaborn)
- Database management system (MySQL Workbench)
- Exploratory Data Analysis by using Python
- Statistical data analysis (Descriptive and Inferential)
- Machine Learning- Supervised and Unsupervised Learning (Regression, Classification, Clustering, Ensemble and Boosting Techniques)
- MS- Excel (Data Analysis, Formulas and Reports)
- Data Visualisation (Power BI and Tableau)

2019 - Present **M KUMARASAMY COLLEGE OF ENGNEERING**   **Tamil Nadu, India**
Bachelor of Engineering (87.4% Up to 5th Sem)

2017 - 2018 **BHARANI PARK MATRICULATION HR.SEC.SCHOOL**   **Tamil Nadu, India**
HSC - 77.6%

2016 - 2017 **BHARANI PARK MATRICULATION HR.SEC.SCHOOL**   **Tamil Nadu, India**
SSLC - 98%

ACADEMIC PROJECT

Project Title: **Wine Quality Determination**

- Clustered different quality of wine
- Segregated them into different groups i.e., Bad, Normal and Good depending upon the centric value of each feature.
- The quality segregation can help wine manufacturers to save a lot of money by not using manual method of testing
- **Model used – 'Random Forest'**

Project Title: **Credit Card Fraud Detection**

- **Models used - Logistic Regression, KNN**.
- This system can provide most of the essential features required to detect fraudulent and legitimate transactions.
- Performed Data cleaning process such as null values and duplicate values
- Performed Exploratory Data Analysis to investigate the dataset and discover the patterns

Project Title: **Black Friday Dataset**

- **Models used- Liner Regression, Logistic Regression, Decision Tree, and Random Forest.**
- Using various algorithm, I have analyse accuracy score and metrics value for each algorithms.
- The project dataset contains customer details (age, gender, marital status, city type etc.), product details (product id and product category) and total purchase amount from last month.
- Performed Data cleaning process such as null values and duplicate values.
- Performed Exploratory Data Analysis to investigate the dataset and discover the patterns and the anomalies.

EXTRACURRICULAR ACTIVITIES
- Member in wizmee club and eco club.
- Participated in "RASTRAGAAN" an initiative by the ministry of culture to mark AZADI KA AMRIT MAHOTSAV in August 2021.

SKILLS
- Problem Solving
- Decision Making
- Analytical Skills

LANGUAGES KNOWN

Language	Read	Write	Speak
English	✔	✔	✔
Tamil	✔	✔	✔