KAVIYA K K

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EXECUTIVE SUMMARY

A hardworking and well-organized person seeking a position, where I can profound my analytical skills and knowledge related to Python, Machine Learning algorithms, Deep Learning, SQL also visualizing tools like Power BI, and Tableau can be showcased, which provides opportunities to enhance my skills and expand my knowledge for the growth of the company.

EDUCATION

2022   **Imarticus Learning**   **TamilNadu, India**
Post-Graduation Diploma in Data Science (In Progress)

- Data Analysis and visualization using Python libraries (NumPy, Pandas, Matplotlib, SkitLearn, Seaborn)
- Database management system (MySQL Workbench)
- Deep Learning(CNN, Keras, Tensorflow, NLP)
- 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 - 2023 **M Kumarasamy College Of Engineering**   **TamilNadu, India**
B.E – Computer Science And Engineering
CGPA - 8.7 Upto 5th Sem

2018 - 2019 **K.C.A.D. Chidambaram Gnanagiri Mat.Hr.Sec.School**   **TamilNadu, India**
HSC - 70.6%

2016 - 2017 **K.C.A.D. Chidambaram Gnanagiri Mat.Hr.Sec.School**   **TamilNadu, India**
SSLC - 95.2%

CAPSTONE PROJECT

Project Title: "Resume Analysis"

- The resumes were collected from my friends which serves as a dataset.
- Preformed data preprocessing and also Natural Language Processing (NLP).
- Analyzed and validated the model with resumes and required skills by using Machine Learning algorithms and the accuracy score is based on validation.

MINI 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.
- Model used – 'Random Forest'

Project Title: "**Credit Card Fraud Detection**"
- Models used - Logistic Regression, KNN.
- This system is capable of providing 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- Linear Regression, Logistic Regression, Decision Tree, and Random Forest.
- Performed Data cleaning process such as null values and duplicate values.
- Performed Exploratory Data Analysis to investigate the dataset and discover the patterns and anomalies.

Project Title: "**Stock Data Analysis using Visualization**"
- Performed Data cleaning process and visualized the data.
- Visualization is done with the help of PowerBI.

EXTRACURRICULAR ACTIVITIES

- Played Shuttlecock at District Level
- Gymnastics (Yoga) at State Level

SKILLS

- Problem Solving
- Decision Making
- Analytical Skills

LANGUAGES KNOWN

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