HEMAPPRABHA K

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EXECUTIVE SUMMARY

I'm hardworking and well-organized person seeking the position for Data Analyst, Where I can use my analytical skills and knowledge related to Python, Machine Learning, Big Data, powerBI and Tableau. It can be showcased to aid the company to accomplish its goals.

EDUCATION

2021- 2022   **Imarticus Learning**   **Tamil Nadu, India**

- Post-Graduation Diploma in Data Science
  - 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 Visualization (Power BI and Tableau)

2019 - 2023   **M KUMARASAMY COLLEGE OF ENGNEERING**   **Tamil Nadu, India**
Bachelor of Engineering (88% Upto 5th Sem)

2018 - 2019   **ERODE HINDU KALVI NILAYAM**   **Tamil Nadu, India**
HSC - 79.67%

2017 - 2018   **PKP SWAMY MAT.HR.SEC.SCHOOL**   **Tamil Nadu, India**
SSLC - 98%

ACADEMIC PROJECT

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.
- The quality segregation can help wine manufacturers to save a lot of money by not using manual method of testing.

Project Title: **"Prediction of Heart Disease"**

- Model used -Decision Tree.
- This system can Predict the heart disease.
- Performed Data cleaning process such as null values and duplicate value.
- Performed Exploratory Data Analysis to investigate the dataset and discover the patterns.

CAPSTONE PROJECT

Project Title: "**Plant Disease Detection**"

- Model used -Convolution Neural Network
- The main objective of the project is to predict the disease of the plant by using the images of the plant leaf
- This will help the Farmer's economic growth
- It reduces a large work of monitoring in big farms of crops, and at very early stage itself it detects the symptoms of diseases i.e. when they appear on plant leaves.

CERTIFICATION

- Completed "**Python Basics for Data Science**" in edX in July 2021.
- Completed "**Machine Learning – Linear Regression**" in NASSCOM in Aug 2021.
- Completed "**Pandas with Python for Data Science**" in Udemy in July, 2021.

EXTRACURRICULAR ACTIVITIES

- Divisional Level Throwball Player

SKILLS

- Problem Solving
- Decision Making
- Analytical Skills

LANGUAGES KNOWN

Language	Read	Write	Speak
English	⬜	⬜	⬜
Tamil	⬜	⬜	⬜