Aman Kumar

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Education

Jaypee University of Engineering and Technology — Guna, MP
Bachelor of Technology in Computer Science Engineering [7.5/10 CGPA] — *Aug. 2020 – June 2024*

Valley View School — Jamshedpur, JH
Grade XII [74.2] — *2018 – 2020*

Vig English School — Jamshedpur, JH
Grade X [84.2] — *2005 – 2018*

Technical Skills

Languages: C/C++, Python , Java
Database : MySQL
Developer Tools: Git,VS Code, Visual Studio, PyCharm, Jupyter, Google Colab , Spyder
Data Science Skills : Data Cleaning, Data Visualization, Probabilistic Modelling
Libraries: Pandas, NumPy, Matplotlib, Scikit-learn , Seaborn , NLTK

Experience

Intern Trainee — June 2023 – July 2023
Shavak Nanavati Technical Institute — *Jamshedpur, JH*

- Developed a machine learning model for predicting flight delays based on historical flight data and weather information.
- Collected and processed large-scale historical flight data, including factors such as weather conditions, airline information, and departure/arrival times.
- Utilized various machine learning algorithms, such as Decision Trees and XGBoost, to build a predictive model.

Projects

Customer Churn Analysis | ***Python, Scikit, Streamlit, Matplotlib*** — Jan 2023 – Jun 2023

* Developed a machine learning-based solution to analyze and predict customer churn as part of my college project
* Analyzed customer data for identifying churn factors.
* Built predictive models using various machine learning algorithms like KNN, Decision Tree Classifier etc.

Automatic Ticket Classifier | ***Python, Scikit, NLTK, SpaCy*** — April 2023 – May 2023

* Build a model that is able to classify customer complaints based on the products/services.
* By doing so, we can segregate these tickets into their relevant categories and, therefore, help in the quick resolution of the issue.
* use this data to train any supervised model such as logistic regression, decision tree or random forest.
* Using this trained model, we can classify any new customer complaint support ticket into its relevant department.

Multiple Disease Prediction | ***Python, Scikit, Streamlit, Matplotlib, Seaborn*** — Aug 2022 – Jan 2023

* Developed multiple disease prediction using Python and machine learning.
* Analyzed medical data to identify disease prediction factors.
* Built predictive models using algorithms like SVM and Logistic regression.
* Achieved high accuracy in predicting multiple diseases.

Extracurricular activities

Joint Secretary | ***Multimedia and UI-UX Wing*** — Jan 2022 – Dec 2022

* Successfully organized and executed the annual tech fest as Joint Secretary of the Multimedia and UI/UX Wing.