Aafiya Javed

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EDUCATION

Dr. APJ Abdul Kalam Technical University, Lucknow Nov 2022 – Present
B. Tech in Computer Science and Engineering(IoT) Expected Graduation-2026

CLASS XII **2021**
CBSE: 95.6%
CLASS X **2019**
CBSE: 94.6%

COURSEWORK

Database and management Systems, Object-Oriented Programming, Data Structures and Algorithms, Software Engineering, Computer Networks, Operating Systems

SKILLS

- **Programming Languages:** Python(Proficient), Java(Intermediate)
- **Data Analytics & ML:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
- **Database :** SQL (Intermediate)
- **Version Control Tools and IDE:** Git, GitHub, Visual Studio Code, Jupyter, Google Colab
- **Soft Skills:** Communication, Teamwork, Time Management, Leadership ,Analytical Thinking, Problem Solving

PROJECTS

Spam SMS Classifier
- **Technologies:** Python, Pandas, NumPy, Scikit-learn, NLTK
- **Description:** A machine learning project to classify SMS messages as spam or ham.
- **Key Features:**
  - Cleaned and preprocessed text data using tokenization and TF-IDF.
  - Applied Naive Bayes and Logistic Regression for classification.
  - Evaluated model performance using accuracy, precision, and recall.

ValueTrack
- **Technologies:** Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
- **Description:** A machine learning-based project to predict housing prices by analyzing structured datasets and applying regression techniques.
- **Key Features:**
  - Performed data cleaning, preprocessing, and feature engineering to prepare datasets for modeling.
  - Implemented regression algorithms (Linear & Multiple Regression) to predict property values.
  - Evaluated model performance using metrics such as MAE and RMSE.

PredictiveMaintenance-IBM-Cloud
- **Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn, IBM Cloud Services
- **Description:** A data analytics project to predict machinery failures by analyzing sensor data and identifying patterns in equipment performance.
- **Key Features:**
  - Collected and processed sensor datasets to detect anomalies and performance trends.
  - Deployed the solution on **IBM Cloud** for scalability and real-time accessibility.

CERTIFICATION

- **AI for Beginners** HP LIFE
- **Google Cloud Computing Foundations** **NPTEL**
- **Data Analytics with Python** NPTEL
- **Programming In Python** COURSERA