

MUBEENA M.P

Junior Data Scientist

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PROFESSIONAL SUMMARY

Junior Data Scientist with hands-on experience in **Python, SQL, Machine Learning, Deep Learning, and Data Analytics**. Experienced in **EDA, data preprocessing, feature engineering, model building, and evaluation** using **Pandas, NumPy, Scikit-learn, TensorFlow, and Keras**. Proven ability to develop **predictive models, NLP solutions, and computer vision models**, and translate data into actionable insights through **visualization and dashboards**.

TECHNICAL SKILLS

- **Programming & Core:** Python, R, SQL, MySQL, OOPS
- **Machine Learning:** Regression, Classification, k-NN, Naive Bayes, Decision Trees, SVM, K-Means, DBSCAN
- **Deep Learning:** CNN, RNN, TensorFlow
- **Data Processing:** Feature Engineering, PCA, Data Cleaning, Normalization
- **Visualization & Web:** Tableau, Matplotlib, Seaborn, HTML, CSS
- **Frameworks & Tools:** Flask, VS Code, Jupyter Notebook, IntelliJ IDEA, Rstudio
Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Keras, NLTK, Matplotlib, Seaborn
- **Databases:** MySQL, MongoDB

SOFT SKILLS

Quick Learner | Leadership Quality | Problem Solving | Effective Communication | Team Collaboration | Time Mangement

WORK EXPERIENCE

Quest Innovation Solutions, Calicut | Data Science Intern | Present

Built multiple machine learning and data analysis solutions to address real-world problems using Python and industry-standard libraries:

- Developed a **Student Admission Predictor** using **Linear Regression** | **Pandas, NumPy, Scikit-learn**
- Built a **Diabetes Risk Prediction** system using **Logistic Regression** | **Scikit-learn**
- Implemented a **Mobile Price Prediction** model using **Random Forest Classifier** | **Scikit-learn**
- Created Python-based applications including a **Phonebook** and **Calculator** | **Python**
- Developed a **Hand Cricket Game** using **Python**
- Designed and maintained **databases** for multiple applications using **MySQL**
- Created **Series and DataFrames** using **Pandas and NumPy**
- Performed **data cleaning and preprocessing** using **Pandas, NumPy**
- Built an interactive **Adidas US Sales Dashboard** using **Tableau**
- Implemented a **Blinkit Grocery Sales & Delivery Analysis Dashboard** using **Tableau**
- Developed a **Spam Message Prediction** model using **NLP techniques** with **NLTK, Scikit-learn**
- Built an **Emotion Prediction** system using **NLP** with **NLTK, Scikit-learn**
- Built and trained a **CNN model for Cats vs Dogs classification** using **TensorFlow, Keras**

ACHIEVEMENTS

- NSS Volunteer at University of Calicut
- “Workshop Python Primer” by NIELIT
- Hands -on-Workshop on “Getting Started with Robotics” by IEEE
- Hands -on-Workshop on “Arduino” by ALIFTECH

CERTIFICATIONS

- OOPs Concepts Using Java by ICFOSS and CSI
- Course on “SQL And Relational Databases” by IBM Developer Skills Network
- Certificate on “Python for Data Science” by Great Learning Academy

PROJECTS

Google Search Trend Analysis

- Analyzed global Google search trends using the **PyTrends API** to evaluate keyword popularity across countries and time periods.
- Performed **data extraction, cleaning, and transformation** using **Pandas and NumPy**.
- Visualized regional and year-wise trends using **Matplotlib, Seaborn, and Plotly**, demonstrating **EDA and API-based data analysis**

Netflix Data Analysis

- Conducted **EDA** on the Netflix dataset to analyze trends in **movies and TV shows** by genre, country, and release year.
- Performed **data cleaning and preprocessing** using **Pandas and NumPy**.
- Created visual insights using **Matplotlib and Seaborn** to support **data-driven storytelling**

EDUCATION

B.Tech – Electronics and Communication AWH Engineering College, Calicut CUSAT 5.7	2011-2016
Higher Secondary Science Govt Ganapath Higher Secondary School 86.3%	2008-2010
SSLC (10th) Himayathul Islam Higher Secondary School 89.3%	2007