

PUSHPENDRA DHAMANYA

Data Science Fresher

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SKILLS

Programming and Tools

Python, TensorFlow, Numpy, Pandas, Scikit-learn, Keras, Matplotlib, Seaborn, OpenCV, Jupyter Notebook, Google Colab, VSCode

Machine Learning and AI

Supervised Learning, Unsupervised Learning, Deep Learning, Natural Language Processing (NLP), Regression Models, Classification Models, Feature Engineering, Model Evaluation, Model Deployment, tkinter

Data Visualization

Power BI, MS Excel for Dashboard and Reports Creation, Matplotlib and Seaborn Libraries for Data Visualization in Python

Database Management

SQL, MySQL, Database Normalization, Query Optimization

Domain Knowledge

Predictive Modeling, Sentiment Analysis, Time Series Analysis, Computer Vision, Natural Language Processing

Other Skills

Model Optimization, Automation Scripts, Real-time Data Processing, Streamlit GUI Development, Recommender System

PROJECTS

Car Price Prediction

- Designed a supervised **regression model** leveraging features like car age and mileage to predict prices with **85% accuracy**.
- Deployed the model using **Model bit** and **Streamlit**, enabling real-time forecasting based on user-provided vehicle attributes.

Loan Approval Prediction

- Developed a predictive model to assess loan approvals, optimizing **classification algorithms** for **82% accuracy** using features like credit score and income.
- Streamlined deployment via **Model bit** and **Streamlit**, allowing real-time evaluation for financial institutions to minimize approval risks.

Food Review Sentiment Analysis

- Implemented **NLP techniques with logistic regression and random forests**, achieving **80% accuracy**, deployed on Model bit and Streamlit.

EDA & Visualization

- Performed **exploratory data analysis (EDA)** on datasets like Covid-19 and Sample Superstore using **Power BI**, uncovering trends for data-driven decisions.
- Created interactive dashboards to visualize sales trends, customer behavior, and public health metrics, optimizing stakeholder decision-making.

Face and Eye Recognition

- Engineered 1 **high-speed face and eye detection system** using OpenCV and HAAR cascades, optimized for biometric and surveillance use.

App Development with Tkinter

- Built 3 **interactive Tkinter apps** (Calculator, Temperature Converter, Traffic Fines) enhancing user experience and data-driven functionality.

SUMMARY

Dynamic and results-driven candidate with a strong foundation in **data analysis, machine learning, and statistical modeling**. Proficient in tools like Python, R, and SQL, with expertise in **data visualization** and handling large datasets. Demonstrates excellent problem-solving skills and a keen ability to derive actionable insights from complex data. Eager to leverage academic knowledge and technical proficiency in **data science** to drive impactful solutions. Seeking opportunities to contribute and grow in **data-driven environments**.

EXPERIENCE

Analyst

HCLTech (Client ExxonMobil)

01/2022 - 11/2023 Noida, UP

- Resolved** 1,000+ technical queries for **hardware, software, & systems**, ensuring SLA compliance and maintaining **system performance**.
- Optimized** data management workflows using **SQL**, enabling efficient storage, retrieval, and analysis of **structured datasets**.
- Developed Power BI dashboards** to visualize trends, enhancing **data-driven decision-making** for internal and external stakeholders.
- Collaborated** on resolving escalations and outages, applying **data analysis techniques** to improve system reliability and efficiency.

EDUCATION

Bachelor of Engineering in Electronics and instrumentation

Samrat Ashok Technological Institute

07/2016 - 08/2020 Vidisha

CERTIFICATION

Data Scientist Certification

SevenMentor Pvt Ltd, Pune - Oct 2024

Python Certification

DCO Academy - Oct 2024

Career Essentials in Data Analysis

Microsoft & LinkedIn - July 2024

SQL Certification (Top 25%)

TestDome - July 2024

Data Analytics

Career Ninja - July 2024

STRENGTHS

Machine learning expertise, Data visualization skills

LANGUAGES

English, Hindi