

NITESH PANDEY

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SUMMARY

Results-driven Data Analyst with strong expertise in data wrangling, visualization, SQL, and Python-based analytics. Skilled at uncovering trends, optimizing reporting processes, and delivering actionable insights that drive business decisions. Adept at building dashboards, statistical models, and predictive applications, with additional experience in machine learning and NLP to enhance advanced analytics. Recognized for collaborating with cross-functional teams, mentoring peers, and leading projects from data to decision-making.

EXPERIENCE

Data Analyst | Bootes Impex Tech Limited | Mar 2025 – Present

- Spearheaded the development of five Power BI dashboards that tracked key cost centers and visualized business revenue flow, enabling a 15% more effective data-driven budget allocation process.
- Reduced reporting time by 40% by automating pipelines with various techniques (Power Bi), improving operational efficiency
- Partnered with leadership to analyze sales and revenue trends, translating raw datasets into strategic insights.
- Applied LLMs (GPT, Claude) to process unstructured text data, uncovering customer insights and market signals.
- Presented findings to stakeholders, influencing financial planning and decision-making.

Data Science with ML & AI Intern | Upflairs Technology | Jul 2024 – Sept 2024

- Cleaned and engineered features from large datasets to improve model performance and accuracy.
- Evaluated predictive models using accuracy, precision, recall, and F1-score, providing actionable recommendations to senior engineers.
- Collaborated with peers to build analytical solutions for classification and forecasting problems.

AIML Intern | Upflairs Technology | Aug 2023 – Sept 2023

- Developed a Flask-based web app for bike price prediction, integrating SQL database storage for inputs and predictions.
- Engineered preprocessing pipelines in Python using OpenCV and NumPy, enhancing the speed of computer vision applications by 20% by reducing image processing time, improving overall system performance.
- Facilitated client learning by creating interactive Jupyter Notebook demonstrations of real-time face and smile detection workflows.

PROJECTS

Business Loan Prediction App | Flask, ANN, SQL

- Designed and deployed a predictive loan approval application, streamlining approval processes for end-users.
- Integrated SQL database for structured storage and retrieval of customer records.
- Delivered a clean, error-handled user interface for improved usability.

Sales Insights Dashboard | Power BI, Python

- Built interactive dashboards to visualize sales performance, revenue trends, and customer segmentation.
- Automated preprocessing workflows in Python for seamless integration with Power BI.

Real-time Face Detection System | OpenCV, Python

- Implemented live face detection using Haar cascades, optimizing for real-time performance.
- Enhanced preprocessing methods to improve model efficiency in computer vision workflows.

EDUCATION

B. Tech in Artificial Intelligence & Data Science | Arya Institute of Engg. & Tech | 2021–2025

XII (RBSE) – N.T.V.N.S.S. School, Jaipur | 2021

X (RBSE) – N.T.V.N.S.S. School, Jaipur | 2019

SKILLS

- **Data Analysis & Visualization:** Power BI, Excel, Matplotlib, Seaborn
- **Databases & Querying:** MySQL
- **Programming & Analytics:** Python, Pandas, NumPy
- **Machine Learning (Secondary):** Classification, Clustering, ANN, NLP
- **Web Tools:** Flask, Streamlit, HTML, CSS
- **Collaboration & Leadership:** Git, Cross-functional Communication, Stakeholder Engagement

Certifications

- **Python 3.4.3 Training - IIT Bombay**
- **Introduction To AI In Azure – Microsoft**
- **Google Certified Professional Machine Learning Engineer – Udemy**
- **Generative AI Fundamentals - Databricks Academy**