

Akash Nikam

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About Me

Detail-oriented and analytical data professional with a background in IT engineering, specializing in data analytics and data science. Skilled in data visualization, statistical analysis, and predictive modeling with experience in Python, MySQL, Machine Learning, Power BI and Advanced Excel. Proven ability to translate complex datasets into actionable insights to support data-driven decision-making.

Technical Skills

- **Programming Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn), MySQL, Machine Learning.
 - **Data Analysis:** Power BI, Tableau, Advanced Excel, DAX, Pivot Tables, Data Visualization.
 - **Software & Tools:** MS Excel, Power BI, Tableau, Jupyter Notebook, MySQL Workbench.
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Internships

Prodigy Infotech Virtual Internship | Role: Data Science

Feb 2025 – Mar 2025

- Developed and implemented predictive models to improve business outcomes.
- Leveraged machine learning and statistical techniques to analyze large datasets and extract meaningful insights.

Internshala Virtual Internship | Role: Data Science

Jan 2023 – Mar 2023

- Cleaned and preprocessed data using python (Pandas, NumPy).
 - Performed EDA and visualized data using Matplotlib and Seaborn.
 - Build ML models like Linear, logistic regression, Decision trees, Random forest.
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Projects

Health Insurance Cross Sell Prediction | [Project Link](#)

- **Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, ML Algorithms, Pickle.
- Built a machine learning model to predict whether a customer is likely to buy health insurance based on demographic and vehicle data.
- Performed data cleaning, exploratory data analysis (EDA), and model training using classification algorithms like Logistic Regression, Decision Tree, Random Forest and Boosting Algorithms.
- Random Forest was identified as the best-performing model with training accuracy of 0.99 and testing accuracy of 0.86.

Exploratory Data Analysis (EDA) using Python and its Libraries | [Project Link](#)

- **Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn, jupyter notebook
- Analyzed accident data to uncover trends based on wheather, road conditions, and time of day.
- Visualized accident hotspots and patterns using different charts of Matplotlib and Seaborn.
- Cleaned and processed data using Pandas for accurate insights.

SQL Data Analyst (IPL Database Project) | [Project Link](#)

- **Technologies:** MYSQL Workbench
- Designed a relational database for IPL data with normalized schemas to manage teams, players, matches, and venues.
- Developed complex SQL queries to analyze player performance, team standings, and toss outcomes.

Padma Shri Award Dashboard Using Power BI | [Project Link](#)

- **Technologies:** Power BI, DAX, Power Query, Excel.
 - Designed an interactive dashboard to analyze award trends by state, category, year and gender.
 - Cleaned and transformed data using Power Query; created dynamic visuals and slicers for insights.
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Education

Bachelor of Engineering - Information Technology

Pune Vidyarthi Griha's College of Engineering, Nashik

2021 - 2024

- Achieved First Class

Diploma in Information Technology

Government Polytechnic Awasari (Kh.), Pune

2018 - 2021

- First Class with Distinction
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Certifications

- Master in Data Science and Analytics with AI – Itvedant Pvt Ltd | [Link](#)
 - IBM Certifications (ML with Python, Python for Data Science, Data Analysis with Python) | [Link](#)
 - Prodigy Infotech Virtual Internship Certificate | [Link](#)
 - Internshala Virtual Internship Certificate | [Link](#)
 - SQL – ITvedant Pvt Ltd | [Link](#)
 - Google Data Analytics – Coursera | [Link](#)
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Language

- English, Hindi, Marathi