

AKASH M

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Professional Summary

Data Analyst with hands-on experience driving data science initiatives and a B.Tech in Information Technology. Expertise in Python, SQL, Power BI, and Looker. Proven track record of evaluating datasets, engineering features, and building accurate predictive models using regression analysis to support data-driven decision-making.

Education

B. Tech Information Technology, 2022 - 2026

Ganadipathy Tulsi's Jain Engineering College, Kaniyambadi, Vellore

CGPA: 7.8

Percentage: 78%

Professional Experience

Data Science Intern, Vcodez Innovative Ideas, Chennai - July 2025

- Completed an intensive data science training program, mastering the end-to-end analytical workflow from raw data ingestion to model deployment.
- Acquired hands-on proficiency in Python and core data manipulation libraries (Pandas, NumPy) to handle, clean, and structure complex datasets.
- Developed foundational predictive models, applying statistical analysis to extract meaningful patterns from raw data.
- Learned to translate analytical findings into business insights through data visualization techniques and dashboards.

Projects

India Unemployment Trend Analysis & Interactive Power BI Dashboard

- Analyzed 741 unemployment records using Python, Pandas, and Power BI to uncover regional employment patterns across India. Performed data cleaning, transformation, and exploratory data analysis (EDA) to identify unemployment and labour participation trends. Designed an interactive dashboard containing 4 KPI metrics, 5 visualizations, region filters, and date slicers, enabling users to explore state-wise unemployment rates, urban-rural employment differences, and labour force participation insights.

Tech Stack: Python, Pandas, NumPy, Power BI, Power Query, DAX, Git, GitHub, Google Collab

Technical Skills

Programming: Python

Data Analysis: Pandas, NumPy, Exploratory Data Analysis (EDA), Data Cleaning, Data Transformation

Business Intelligence: Power BI, DAX, Power Query, Dashboard Development, Data Visualization

Tools: Google Collab, Git, GitHub, Excel, Visual Studio Code

Database: MySQL

Certifications

Data Analytics - Google

Data Science - VCodez Innovative Ideas