ASWINI DILEEP

Junior Data Scientist

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SKILLS

- Python Programming
- Data Visualization
- Probability and Statistics
- Machine Learning

TOOLS

- Python
- SQL
- Power BI
- Microsoft Excel
- Tableau (Basic)

EDUCATION

- University of Kerala, India.
  BTech in Computer Science and Engineering, 2014

PROFILE

Entry-level Data Scientist with hands-on experience in data cleaning, analysis, and visualization using Python, SQL, and Power BI. Delivered real-world projects in Disease outbreak prediction under climate change and Customer churn analysis using statistical and machine learning techniques. Strong ability to translate data into actionable insights through dashboards and reports.

EXPERIENCE

Data Science Intern
ICT Academy of Kerala, India
June 2025-November 2025

Projects:
Disease Outbreak Prediction Under Climate Change

- Collected and cleaned climate and disease datasets using Python.
- Applied machine learning models to predict disease outbreaks.
- Evaluated model performance using accuracy and other metrics.
- Generated insights to support early warning and decision-making.
- Visualized key insights using Power BI.

Customer Churn Prediction

- Analyzed customer behavior data to identify churn patterns.
- Built classification models to predict customer churn.
- Evaluated model performance and identified key churn drivers.

Assistant Engineer
Kerala Small Industries Development Corporation Ltd (SIDCO), India
May 2015-April 2016

Key Responsibilities:

- Analyzed employee timekeeping and leave data.
- Maintained and updated structured datasets.
- Prepared month-end analytical reports for the Finance Department.
- Supported data accuracy and reporting processes.

CERTIFICATION

- IBM Data Science Professional Certificate, 2025
- IBM Data Analyst Professional Certificate, 2024
- Microsoft Power BI Data Analyst Professional Certificate, 2024