

KARTHIK A

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SUMMARY

Data-driven Computer Science Engineering graduate with hands-on experience in data analysis, machine learning, and business intelligence. Proficient in Python (Pandas, NumPy, Matplotlib and Seaborn), SQL, Big Query, Power BI, Google Colab and Jupyter Notebook for building analytical pipelines and visual dashboards. Experienced in end-to-end data projects—from data wrangling to supervised and unsupervised ML model building. Skilled at translating complex data into actionable insights to support strategic business decisions.

TECHNICAL QUALIFICATIONS

- **Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn, SciPy), SQL (Advanced Queries, Joins, CTEs, Window Functions),
- **Data Tools:** MySQL, Power BI, PySpark, Jupyter Notebook, MS Excel
- **ML Techniques:** Regression (Linear, Polynomial), Classification (Logistic, KNN, SVM, Naïve Bayes, Decision Tree), Clustering (K-Means, DBSCAN, PCA), Model Evaluation, Sentiment Analysis, Topic Modelling
- **ML Frameworks:** Sci-kit Learn, Tensorflow, PyTorch and MAXNet
- **Data Lifecycle Skills:** Data Cleaning, Feature Engineering, EDA, Dashboard Development, Data Storytelling
- **Cloud:** AWS

INTERNSHIP EXPERIENCE

DLithe | Full-Stack Web Development.

August 2023- September 2023

- Technologies: ReactJS, SQL.
- Gained experience in Full-Stack Web Development using SQL, ReactJS, Xampp.

PROJECTS

Image based Object Detection and Distance Measurement for visually impaired

Technologies: Image recognition and classification, Distance estimation.

- The project aims a vision system with a 3D audio feedback mechanism, for reliable navigation by the visually impaired.
- The variations in sound intensity of earphones facilitate a natural and intuitive cognizance of the objects.

British Airways Review and Customer Booking Analysis (2025)

Technologies: Python, Web Scraping, Data Cleanup, Visualization, ML, PowerPoint.

- Conducted sentiment analysis and topic modeling on airline reviews to identify booking patterns.
- Performed exploratory data analysis (EDA) and built trained models to assess customer booking behavior using Jupyter. Presented insights using PowerPoint.

COURSES & CERTIFICATIONS

- Completed course on 'Crash Course on Python' by Google through Coursera.
- Completed course on 'Introduction Machine Learning' by Infosys SpringBoard.
- 'BigQuery for Data Analysts' by Google Cloud (progress).
- 'Prompt Engineering using Open AI' by Columbia University (progress).

EDUCATION

BE - Computer Science & Engineering

Mangalore Institute of Technology & Engineering.

2020-2024

CGPA:7.81

Senior Secondary (12th)

DVS Pre-University College, Shimoga.

2018-2020

84.66%

Secondary School (SSLC)

National High School, B.R.Project.

2017-2018

91.52%

SOFT SKILLS

- Strong communication & interpersonal skills.
- Analytical and problem-solving mindset.
- Adaptable and eager to learn new technologies.
- Collaborative team player.

I hereby declare that the information above is true and correct to the best of my knowledge.

Date:

Place: Shimogga

Signature: Karthik A