

# KIRUTHICK RAJ B J

ASPIRING DATA ANALYST

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## SKILLS

- **Programming Languages:**  
Python, SQL
- **Database Systems:**  
MySQL, MongoDB, Vector Databases
- **Web Development:**  
Flask, FastAPI, Streamlit
- **Data Science & AI:**  
Machine Learning, Deep Learning, Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), Prompt Engineering
- **Data & Analytics Tools:**  
Dataiku, Excel, MS Power BI

## COURSE WORK

1. What is Data Science & Tools of Data Science – Coursera  
(Authorized by IBM)
- Python – Spoken Tutorial, IIT Bombay
- Dataiku Certifications:  
Core Designer, Advanced Designer, ML Practitioner, Generative AI Practitioner, Developer, MLOps
- Python for Data Analytics – Real World Hands-on Project – Udemy
- Complete MySQL Bootcamp – Go from Beginner to Expert – Udemy

## EDUCATION

### KLN COLLEGE OF ENGINEERING

2021 – 2025

BE ELECTRONICS AND COMMUNICATION ENGINEERING  
CGPA – 7.9

## PROFILE

Aspiring Data Analyst with strong proficiency in Python and SQL, experienced in data analysis, visualization, and statistical modeling. Currently enhancing expertise in Machine Learning, Deep Learning, NLP, and LLMs to derive meaningful insights from complex datasets. Skilled in solving real-world problems through analytical thinking and data-driven approaches. Eager to contribute to impactful projects in a collaborative, innovation-focused environment.

## PROJECTS

### EEG-Based Stress Level Detection

- Built an ML/DL model to classify stress levels from EEG data using Python (Pandas, NumPy, TensorFlow, Scikit-learn).

### Document Analysis using LLM

- Developed a document analysis pipeline for text extraction and semantic search with LLMs, integrated with FAISS for efficient retrieval.

### Prime Video & Zomato Data Analysis

- Analyzed Prime Video and Zomato data using Power BI, creating interactive dashboards to uncover insights on user behavior, content trends, and restaurant ratings.

### Netflix Data Analysis

- Performed data analysis on Netflix data with Python (Pandas, Seaborn) to identify content trends and user preferences.

### Payroll & HR Analytics Dashboard

- Developed an interactive payroll dashboard using Tableau, Python, Excel, and SQL to analyze attrition trends, payroll distribution, and forecast costs using predictive modeling

## INTERSHIPS

### SABUDH FOUNDATION

JAN 2025 – JUN 2025

#### DATA SCIENCE INTERN

- Built machine learning and deep learning models using Python libraries (Pandas, NumPy, scikit-learn, TensorFlow, Keras) for predictive analytics and classification tasks.
- Applied natural language processing (NLP) techniques and leveraged large language models (LLMs) for text analysis and semantic search.
- Developed and managed data pipelines using Dataiku, overseeing end-to-end workflows from data ingestion to model deployment.
- Utilized SQL and MongoDB for structured and unstructured data management in real world projects.

### ACCENTURE (FORAGE PROGRAM)

#### DATA ANALYTICS INTERN

- Gained hands-on experience in data cleaning, modeling, visualization, and storytelling.
- Earned a certificate upon completion.