

PERIKA RAJEEV

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PROFESSIONAL SUMMARY

Detail-oriented and motivated **Data Science Fresher** with hands-on experience in **Python, Machine Learning, SQL, and Data Analysis**. Strong foundation in data preprocessing, feature engineering, model building, and evaluation. Passionate about leveraging data-driven insights to solve real-world business problems and eager to grow in a dynamic, innovation-driven organization.

TECHNICAL SKILLS

- **Programming Languages:** Python
- **Data Science & Machine Learning:** Data Analysis, Feature Engineering, Supervised Learning, Model Evaluation
- **Machine Learning Algorithms:** Support Vector Machines (SVM), Regression, Classification
- **Deep Learning:** Basics of Neural Networks
- **Databases & Querying:** SQL
- **Data Visualization & BI:** Power BI
- **Tools & Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
- **Concepts:** Data Cleaning, Train-Test Split, Accuracy Metrics, Confusion Matrix, Classification Report

PROJECTS

Movie Rating Prediction with Python

January 2025

- Built a machine learning model to predict movie ratings using historical data.
- Performed data cleaning, preprocessing, and feature engineering.
- Implemented supervised learning algorithms and evaluated model performance using accuracy metrics.
- Tools Used: Python, Pandas, NumPy, Scikit-learn

Support Vector Machines (SVM) with Python

February 2025

- Developed classification models using Support Vector Machines.
- Conducted exploratory data analysis and optimized features for better model performance.
- Evaluated models using confusion matrix and classification report.
- Tools Used: Python, Scikit-learn

Retrieval-Augmented Generation (RAG) using SQL

March 2025

- Designed and implemented a Retrieval-Augmented Generation pipeline using SQL databases.
- Integrated structured database queries with language model outputs for enhanced responses.
- Improved response accuracy and contextual relevance by combining retrieved data with generative AI.
- Tools Used: SQL, Python, RAG Concepts

EDUCATION

Bachelor of Commerce (B.Com)

Viswa Bharathi Degree College

2019-2023

CGPA: 6.2

Diploma in Civil Engineering

Gandhiji Institute of Science and Technology

2016-2019

CGPA: 7.1

Secondary School Education (SSC)

All Saints High School

2015-2016

CGPA: 9.0

LANGUAGES

- English
- Telugu
- Hindi