

# BAIJU KUMAR YADAV

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## Profiles

Github : [Baiju2005](#)

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## SUMMARY

I am a B.Tech Computer Science Engineering student, with a strong passion for data science and AI. I have been actively developing skills in data manipulation, statistical analysis, and machine learning to extract actionable insights from complex datasets. Capable in using modern tools and frameworks such as Python, SQL, Scikit-learn, and Power BI. My goal is to leverage my technical expertise, analytical mindset, and problem-solving abilities to create data-driven solutions that drive impactful business decisions.

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## SKILLS

- Languages: Python, SQL
- Data Analysis & Visualization: Matplotlib, Seaborn, Power BI
- Machine Learning: Supervised learning, Model evaluation, and Scikit-learn.
- Databases : MySQL, Mongo DB
- Cloud & Deployment: Azure, Render, Vercel
- Web Technology : HTML, CSS, JS, React, Flask
- Others : Statistics, Advance Excel

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## PROJECTS

### Loan Eligibility Prediction

- Developed a classification model using supervised learning to predict loan eligibility based on user inputs : graduation status, age, and salary.
- Preprocessed data through feature scaling and encoding to enhance model performance.
- Deployed the solution for user interaction using flask

### Stock Price Prediction Using Regression

- Developed a regression-based model to predict the future stock prices of HDFC using historical data.
- Applied Linear Regression model the relationship between historical stock prices various features (open, high, low, close )
- Evaluated model performance using metrics like RMSE (Root Mean Squared Error), MAE (Mean Absolute Error), and  $R^2$ .

### Data Pipeline for GitHub Data Analysis

- Built an end-to-end data pipeline in Azure Data Factory to fetch raw data from a GitHub repository.
- Developed a robust pipeline for data extraction, transformation, and loading (ETL) to ensure seamless data flow.
- Utilized Azure Databricks for further data processing, cleaning, and exploration.
- Performed data analysis using Python and libraries like matplotlib and seaborn.

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## EDUCATION

RADHARAMAN INSTITUTE OF TECHNOLOGY AND SCIENCE  
COMPUTER SCIENCE AND ENGINEERING (RGPV) Bhopal

**B TECH**

Data Science certification programe in CYBROM TECHNOLOGY PVT LTD