



# RUSHIKESH YADAV

## DATA SCIENTIST

### ○ PROFILE

- An aspiring Data scientist with 2 months internship experience at Pantech Prolabs India Pvt Ltd.
- Enthusiastic about data science and machine learning, seeking opportunities to apply my skills and knowledge in a professional setting to contribute to the field, further develop my expertise, and drive meaningful insights from data

### ○ PROJECT

#### Flight Fare Prediction | [LINK](#)

- Developed a Machine Learning model using Random Forest Regression that attained an R2 Score of 82% for forecasting flight ticket prices.
- Managed data integrity through comprehensive data cleaning, handling missing values, and encoding categorical variables.
- Conducted experiments with various regression algorithms, including K-Nearest Neighbors, Decision Tree, and Random Forest, to identify the most effective approach.
- Utilized hyperparameter tuning techniques to optimize model performance, achieving an increase in R2 Score from 79% before tuning to 82% after tuning

#### Book Recommendation System| [LINK](#)

- Developed a Book Recommender System using Popularity-based and Collaborative Filtering approaches.
- Analyzed large-scale book rating data to identify top-rated and personalized book recommendations.
- Implemented data preprocessing, exploratory data analysis, and model development using Python and libraries like Pandas and Scikit-learn.
- Enhanced user experience and engagement by providing tailored book recommendations based on both overall popularity and individual preferences.

### ○ COURSE WORKS

#### Full Stack Data Science | [CERTIFICATE](#)

- Experienced in Python programming and MySQL for data manipulation and database management, skilled in data visualization with Tableau and Power BI. Proficient in applying machine learning algorithms using Pandas, Matplotlib, and Scikit-Learn.

#### Google Advanced Data Analytics Professional | [CERTIFICATE](#)

- Completed a 7- course series including Foundations of Data Science, Get Started with Python, Go Beyond the Numbers:Translate Data into Insights, The Power of Statistics, Regression Analysis: Simplify Complex Data Relationships, The Nuts and Bolts of Machine Learning, Google Advanced Data Analytics Capstone

### ○ CERTIFICATIONS

Python | [CERTIFICATE](#)

SQL | [CERTIFICATE](#)

Machine Learning | [CERTIFICATE](#)

### ○ CONTACT

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- [linkedin.com/in/rushikeshyadav149/](https://www.linkedin.com/in/rushikeshyadav149/)
- [github.com/rushikeshya](https://github.com/rushikeshya)

### ○ EDUCATION

- **Bachelor of Technology 79.48 %**  
SKN Sinhgad College of Engineering  
August 2019 - August 2022
- **Diploma 66.41 %**  
Shivaji Polytechnic, Atpadi  
June 2016 - June 2019
- **SSC 76 %**  
Maharashtra State Board  
June 2015 - March 2019

### ○ SKILLS SUMMARY

- **Languages:**
  - Python
  - SQL
- **Frameworks:**
  - Scikit-Learn
  - TensorFlow
- **Tools:**
  - SQL Server
  - MySQL
  - Tableau
  - Git & Github
  - Docker
- **IDEs:**
  - Jupyter Notebook
  - Google Colab
  - PyCharm
  - Visual Studio Code
- **Techniques:**
  - Recommendation Engines
  - Predictive Analytics
  - Machine Learning Algorithms
  - Feature Engineering