



# ADIL BHARTIYA

Data Science Enthusiast | Machine Learning | Python Developer

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Rewa M.P India ☆ portfolio: https://adilbhartiya.github.io/Adil/index.html

## STRENGTHS



### Analytical

Sharp ability to dissect complex issues and extract actionable insights from data with precision. Demonstrated success in effectively applying statistical and machine learning techniques to solve real-world problems.



### Problem-solver

Ability to use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.



### Communication

Ability to explain complex data insights in a clear and understandable manner.

## SKILLS

Programming languages · Python · SQL

Data Science Tools · pandas · Numpy ·

Matplotlib · Seaborn · Excel · Scikit-learn ·

TensorFlow · Power BI

Other Skills · Git · Critical Thinking ·

Interpersonal Skills · Teamwork ·

Time Management · Organizational Skills

## CERTIFICATES

Machine Learning with Python- From Linear Models to Deep Learning  
Massachusetts Institute of Technology, offered through Edx, 08/2024

Post Graduate Program in Data Science and Machine Learning  
Intellipaat, 2023-2024

Mathematics for Computer Science  
University of London, Goldsmiths, offered through Coursera, 10/2020

Programming Fundamentals  
Duke University, offered through Coursera, 11/2020

MS SQL Developer Course  
Intellipaat, 05/2024

Power BI Training  
Intellipaat, 05/2024

## PASSIONS



### Artificial Intelligence

Deeply fascinated by AI's potential to transform industries and improve lives.



### Observing Nature

Finding inspiration in its beauty, and fostering a deep connection with the environment.

## SUMMARY

Enthusiastic Computer Science graduate with a Post Graduate Program in Data Science and Machine Learning from Intellipaat. Certified in key technical skills including Mathematics for Computer Science and Programming Fundamentals. Proficient in Python, SQL, and Power BI, with a strong passion for applying data-driven solutions in dynamic environments. Seeking to leverage my expertise to drive innovative solutions in a forward-thinking organization.

## EDUCATION

B.Tech in Computer Science and Engineering

07/2017 - 06/2021

Rewa Institute of Technology

M.P, INDIA

## CAREER GAP

06/2021 - 06/2023

During this period, I dedicated my time to prepare for the GATE examination and various government exams. This phase allowed me to deepen my understanding of my field and broaden my knowledge base. While this time was academically intensive, it has equipped me with a unique perspective that I believe will add value to my professional endeavors.

## INTERNSHIP EXPERIENCE:

Data Scientist Intern

07/2023 - 06/2024

Intellipaat Software Solutions Pvt. Ltd

Bangalore, India

As part of my training program with Intellipaat, I gained practical experience in data science methodologies and tools.

- Collaborated with team members on various analytics projects and tasks.
- Gained hands-on experience in data analysis and interpretation.
- Utilized Python and SQL to extract, manipulate, and analyze large datasets.
- Developed Power BI dashboards to present data insights to stakeholders.
- Worked closely with senior data scientists to develop predictive models using machine learning algorithms.
- Demonstrated discipline and dedication, delivering 100% of projects within deadlines.

## PROJECTS



### Data Science and Machine Learning

- **Analyzing and Predicting COVID-19 Trends using FBProphet:** Conducted comprehensive COVID-19 trend analysis and forecasting with FBProphet, ensuring 95% confidence in predicting active, confirmed, death, and recovered cases, facilitating informed decision-making during the pandemic.
- **Netflix Recommendation Engine using SVD:** We built a personalized recommendation engine for an OTT platform using SVD, leveraging user ratings and movie metadata to offer tailored movie suggestions.
- **CS:GO Round Winner Prediction Model using Machine Learning:** In this project, our objective was to employ machine learning algorithms to classify round winners in Counter-Strike: Global Offensive (CS). The Random Forest Classifier emerged as the top-performing model, achieving an accuracy of 84.1%.
- **Customer Churn Analysis and Prevention in Telecom:** Led telecom churn prediction project using ML techniques to identify at-risk customers and implement retention strategies. Achieved accurate forecasts; Logistic Regression emerged as top-performing model.
- **Walmart Sales Data Analysis and Forecasting:** Using advanced predictive modeling, this project forecasts sales for multiple Walmart stores over a 12-week period, with XGBoost delivering 98% accuracy. It provides strategic insights for informed decisions, fostering sustainable growth strategies.



### Power BI

- Analyzed student spending habits across different retail store types in the US.
- Designed a dashboard to analyze admission trends in US state universities.



### SQL

- Querying and Analyzing the AdventureWorks Database.
- Relational Database Design and Implementation in SQL Server.

## LANGUAGES

Hindi

Native

English

Fluent