

Yash Kumar Roy

• +91 8192090180 • yashkumarroy164@gmail.com • LinkedIn • Portfolio • GitHub

KEY SKILLS

Data Analysis, Machine Learning, Predictive Modeling, Data Visualization, Attention to details

TECHNICAL SKILLS

Tools/Languages: Python, MySQL, Tableau/PowerBI, Excel

EDUCATION

IIIT Bangalore | Bengaluru, IN Jun '24 - Present

Post Graduate Diploma in Data Science

- **Course Modules:**
 - Data Analysis using SQL | Introduction to Python, Machine Learning and Linear Regression
 - Time Series Analysis | Telecom Churn Case Study | Lexical Processing | Syntactic Processing
 - Business Problem Assignment | Analytics using PySpark

GBPIET | Uttarakhand Aug '19 - Jul '23

B.Tech in Computer Science and Engineering

- Secured 70.15%

KEY PROJECTS

Telecom Churn Prediction | Tech Stack: Classification Model | Aug '24

- Objective: To analyze the customer churn and make an model for prediction whether they churn or not.
- Solution: Designed **logistic classification** to predict that customer are going to churn or not.
- Key Achievement: Predicted with the customer will churn or not with a **accuracy score of 0.93**

Bankruptcy Risk Prediction | Tech Stack: Classification Model | Mar '24

- Objective: A bank wanted to know whether their bank going to end-up bankrupt based on the risk factor.
- Solution: Designed **Random Forest models** to predict the bankruptcy.
- Key Achievement: Developed a model with an **accuracy score of 0.91**

Oil Price Prediction | Tech Stack: Time Series | Jan '24

- Objective: Prediction of Oil in future based on historical data.
- Solution: Designed **ARIMA** to predict the oil price.
- Key Achievement: Developed a model with an **RMSE score of 22.43**

PROFESSIONAL EXPERIENCE

AI Variant | Bengaluru, IN Jul '23 - Mar '24

Data Science Intern

Data Analysis & Modelling

- Creating algorithms based on deep-dive statistical analysis & **predictive data modeling**.
- Deploying **quantitative analysis** visualization and data mining to present data.
- Worked on some **Modeling Techniques** to improve the project.