

# Yash Kumar Roy

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## KEY SKILLS

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

## TECHNICAL SKILLS

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

## EDUCATION

IIIT Bangalore & upGrad | 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

Bachelor of Science in Computer Science

- 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.