Yash Kumar Roy

• 8192090180　　• yashkumarroy164@gmail.com　　• Linkedin　• GitHub　• Portfolio

Skills

- Python, Java, Machine Learning, Gen AI, MySql, Excel
- Data Analysis, Predictive Analysis, Data Visualization, Attention to details

Education

Liverpool John Moores University | U.K.　　　　　　　　　　　　　　　　Apr '26

Master of Science : Data Science

IIIT | Bangalore　　　　　　　　　　　　　　　　　　　　　　　　　　Jun '25

Executive Post Graduation Programme : Data Science & AI

GBPIET | Uttarakhand　　　　　　　　　　　　　　　　　　　Aug '19 - Jun '23

B.Tech in CSE

Professional Experience

AI Variant　　　　　　　　　　　　　　　　　　　　　　　　Jul '23 - Mar '24

Data Science Intern

- Developed machine learning models and predictive analytics algorithms by conducting **deep-dive statistical analysis** for data modeling utilizing Python and Machine Learning tools.
- Utilized Machine Learning techniques for advanced data presentation, incorporating **quantitative analysis visualization and data mining** to enhance decision-making processes.
- Enhanced project outcomes by **implementing Regression analysis**, **Data visualization**, and **Machine learning algorithms** to boost forecast accuracy.

Projects

Telecom Churn Prediction | Aug '24

- **Objective:** To analyze the customer churn and make an model for prediction whether they churn or not.
- **Solution:** Designed **logistic regression** 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 | 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 | Jan '24

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