Roshan Kumar
Aspiring Data Scientist

My Contact

✉ roshan27july@gmail.com

📞 +91-8851565612

📍 C-310, BADARPUR, NEW DELHI

🌐 linkedin.com/in/iroshan

🌐 github.com/iroshankumar

Skill

- Data Analysis and Visualization
- Statistical Modeling and Hypothesis Testing
- Machine Learning Algorithms
- Python, SQL
- Data Preprocessing and Cleansing
- Exploratory Data Analysis
- Predictive Analytics
- Deep Learning Concepts
- Problem-Solving and Critical Thinking
- Communication and Collaboration

Education Background

- B.Tech (CSE)
  Maharshi Dayanand University

- DATA SCIENCE & ML USING PYTHON TRAINING

  Certificate in DATA SCIENCE & ML USING PYTHON TRAINING

  Completed in DEC-2023

About Me

Highly motivated and dedicated aspiring data scientist with a strong passion for leveraging data to derive insights and solve complex problems. Solid foundation in mathematics, statistics, and programming, seeking opportunities to apply analytical skills and contribute to data-driven decision-making. Strong willingness to learn and stay up-to-date with emerging trends in data science.

Projects

Boston House price prediction model
2023

1. **Data Preparation and Exploration:** Collect, preprocess, and explore data for insights.
2. **Feature Selection and Engineering**: Choose relevant features and engineer new ones as needed.
3. **Model Building and Evaluation**: Train and evaluate regression models to predict house prices.
4. **Deployment, Monitoring, and Documentation**: Deploy, monitor, and document the model, ensuring ongoing accuracy and compliance.

LOAN-DEFAULT-PREDICTION
2023

Key responsibilities:

1. **Data collection and preprocessing**: Gather and clean historical loan data while engineering relevant features.
2. **Model selection and training**: Choose an ML algorithm, split data, and train the model while optimizing performance.
3. **Model evaluation and validation**: Assess model performance using appropriate metrics, focusing on false positives and false negatives.
4. Deployment and monitoring: Deploy the model, continuously monitor it, and ensure fairness, ethics, and regulatory compliance.

Achievements

| 2023 | Programming with Python Certification from **HackerRank**, **InternshalaTrainings** |
| 2023 | SQL (Basic) Certification **HackerRank**, **InternshalaTrainings** |