

Rounak Chakraborty

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Objective

Versatile Data Scientist with 4+ years of experience in machine learning, statistical modeling, and data engineering. Passionate about extracting insights from complex data and deploying ML models in production environments.

Work Experience

Data Scientist, Quantum Analytics Inc. (2021–Present)

- Led development of a real-time demand forecasting system using LSTM models.
- Designed and deployed ML models using AWS SageMaker and Docker.
- Built data ingestion pipelines using Apache Kafka and Spark.

Jr. Data Scientist, IntelliData Tech (2019–2021)

- Assisted in building fraud detection algorithms using ensemble methods.
- Automated reporting dashboards using Power BI and SQL Server.

Education

M.Sc. in Data Science – University of Edinburgh (2017–2019)

Skills

- **Languages:** Python, R, SQL, Scala
- **ML/DS Tools:** TensorFlow, PyTorch, XGBoost
- **Big Data:** Apache Spark, Hive, Kafka
- **Visualization:** Power BI, Seaborn, Plotly

Projects

- **LSTM Forecasting for Retail** – Improved inventory planning accuracy by 30%.
- **Deep Learning OCR Engine** – Converted scanned docs to searchable text with >95% accuracy.
- **Cloud-native ML Deployment** – Created RESTful API with Flask and deployed via Kubernetes.