

Nishaad Mishra

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Objective

Detail-oriented Data Scientist with experience transforming raw data into actionable strategies. Skilled in NLP, deep learning, and model interpretability.

Work Experience

Data Scientist, Veridian Labs (2020–Present)

- Built NLP-based chatbot using transformer models for customer support.
- Applied SHAP values and LIME for interpreting black-box models.
- Conducted A/B testing and statistical analysis for product features.

Data Analyst, Digivault Solutions (2018–2020)

- Developed Tableau dashboards for cross-functional insights.
- Streamlined SQL queries to optimize reporting speed by 40%.

Education

M.Sc. in Machine Learning – Imperial College London (2016–2018)

Skills

- **Languages:** Python, R, SQL
- **NLP:** spaCy, HuggingFace Transformers, NLTK
- **Model Explainability:** SHAP, LIME
- **Cloud/DevOps:** GCP, Git, Docker

Projects

- **Chatbot for Healthcare** – Trained BERT model to handle patient queries with 85% precision.
- **Customer Churn Prediction** – Used LightGBM and improved recall by 22%.
- **Text Summarizer Tool** – Built extractive + abstractive hybrid summarizer.