

Jainish Shingala

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EDUCATION

Indiana University

Master of Science in Data Science | GPA: 3.86

Coursework: Statistics, Data Visualization, Applied Machine Learning, Database Design.

Bloomington IN, USA

August 2022–May 2024

SKILLS

- Programming Languages:** Python, R, SQL, Linux, HTML, CSS, JavaScript
- Packages:** Scikit-Learn, NumPy, Pandas, Matplotlib, Plotly, Seaborn, SciPy, TensorFlow, Keras, OpenCV
- Tools:** Tableau, Power BI, Git, Microsoft Excel (Power Query, VBA, Pivot Tables), Adobe Creative Suite,
- Statistics:** Descriptive Statistics, Inferential Statistics (Hypothesis Testing, Confidence Intervals, and P-values)
- Certifications & Courses:** AWS Certified: Solutions Architect Associate, ChatGPT for Prompt Engineering

PROFESSIONAL EXPERIENCE

DeveloperDB

Data Science Intern

Sunnyvale CA, USA

June 2023–August 2023

- Worked on end-to-end data science lifecycle including data pre-processing, feature engineering, exploratory data analysis, and predictive analytics. Implemented ML data pipeline for effective employee churn prediction leveraging advanced techniques such as GPT API prompts to transform unstructured text data.
- Employed Cox regression and Kaplan-Meier survival analysis for predictive insight achieving 97% c-index. ~LLM, Survival Regression

Infosys Limited

System Engineer – LAMP Stack Developer

Pune MH, India

August 2021–August 2022

- Developed custom web applications using LAMP stack technologies, engaging with clients to address specific needs. Worked on MySQL database, optimized queries, and ensured data integrity. Developed front-end user interfaces using HTML, CSS, and JavaScript, ensuring a seamless user experience.

Futuristixhub LLP

Data Analytics Intern

Ahmedabad GJ, India

June 2021–August 2021

- Collaborated with stakeholders to identify data requirements and goals, performed ETL processes to collect and preprocess data. Conducted EDA and utilized machine learning techniques to build predictive models, achieving 79% accuracy in prediction through hyperparameter tuning. ~Regression, Random Forest, SVM
- Streamlined reporting processes by leveraging Tableau, providing real-time KPI tracking to stakeholders, enabling faster data-driven decision making.

SELECTED PROJECTS

Bank Customer Churn Analysis

- Conducted a comprehensive analysis of bank customer churn, identifying key factors and providing actionable recommendations to enhance retention and satisfaction, leading to improved business outcomes. ~Tableau

Illuminating New York's Artistic Landscape: A Visual Expedition

- Led a winning entry in the Fall'23 CCA Data Visualization Contest. Employed Power BI dashboards offering insights into CRNY's impact on diverse applicants, enrollment dynamics, and survey responses.

Credit Card Fraud Transaction Detection

- Developed an algorithm that identifies the potential fraudulent use of credit cards with 92% F1-score in the payment environment. ~XGBoost, CatBoost, Random Forest, PCA.

EXTRA-CURRICULAR ACTIVITIES

Data Analyst at Indiana Public Media (July 2023–November 2023) | **FIPI PDEU Student Chapter** – Secretary (2020–21), Graphic Designing Head (2019–20) | **Graduate Teaching Assistant** (Jan 2023 - May 2023)