

## Skills

---

- **Data Analysis and Visualization:** SQL (SQL Server, MySQL, PostgreSQL) - Microsoft Power BI, Tableau - Excel (VLookup, Conditional Formatting, Pivot Tables, DAX) - Data visualization and reporting
- **Programming and Machine Learning:** Python (Pandas, NumPy, SciPy, Matplotlib) - Machine Learning (TensorFlow, Keras, Scikit-Learn) - Natural Language Processing - Image Processing - Django, HTMX
- **Statistics:** Regression Analysis - Time Series Analysis - A/B Testing - Statistical Modeling - Data Mining
- **Business and Soft skills:** Project Management - Data-Driven Decision Making - Cross-functional Collaboration - Problem Solving - Business Process Analysis

## Work Experience

---

### MACHINE LEARNING ENGINEER INTERN – Feynn Labs

August 2024 - November 2024

- Led end-to-end development of ML projects from ideation to deployment using **Django** and **HTMX**
- Designed and implemented responsive **web applications** integrating machine learning models with modern UI
- Developed **RESTful APIs** and backend services to handle ML model predictions and data processing
- Collaborated with cross-functional teams to gather requirements and iterate on project features

### DATA ANALYST INTERN – KultureHire

June 2023 - August 2023

- Conducted comprehensive analysis of Gen Z career aspirations using data from 3,100 survey responses across 1,800 postal codes in India
- Leveraged **SQL** to clean data and execute queries answering key business questions about Gen Z preferences and expectations
- Created interactive Power BI dashboards visualizing insights on manager aspirations, learning preferences, and mission alignment
- Proposed strategies to attract and retain Gen Z talent, including hybrid work models and leadership development initiatives

## Projects

---

### DEEPSTYLE(AI FASHION STYLIST PLATFORM) – FEYNN LABS

- Developed an AI-powered e-commerce platform using Django and Google Fast API that provides personalized styling recommendations
- Implemented machine learning models for real-time outfit compatibility analysis and personalized fashion advice
- Built dynamic user interface using HTMX for seamless user experience with real-time updates and no page refreshes
- Integrated secure authentication system and designed database schema for efficient data management
- Created API endpoints for real-time AI model predictions and product recommendations

### PERSONAL LOAN CONVERSION RATE PREDICTION – ACADEMIC PROJECT

- **Utilized Python** to develop a logistic regression model predicting personal loan acceptance, analyzing over 10,000 customers
- **Optimized** the model, increasing lead conversion by 22% by **identifying** high-probability customers through **feature importance**
- Conducted thorough **data exploration** and distribution studies to enhance model accuracy and improve **marketing campaign**

### SALES ANALYSIS DASHBOARD

- Created a dashboard with **Power Bi** providing an overview of internet sales to track top customers and products.
- Transformed and processed client's data by using **SQL, DAX** and **Excel** to ensure data completeness and validity
- Created dashboards for Sales Representatives to filter and analyze internet sales by customer and product
- Designed visualizations and **KPIs** to compare sales performance against budget, aiding in trend monitoring

## Education

---

**MASTER IN BUSINESS ADMINISTRATION** – Jaipuria Institute of Management – Ghaziabad, IN

August 2024

**Specialization:** Business Analytics, Operations and Supply Chain Management