

ABHINAV DAMLE

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Apartment 10, Green park student accommodation, Dundalk A91E651.

PROFESSIONAL EXPERIENCE

ADAPT Centre
Data Scientist

June 2023 - Present

- Achieved a **20% enhancement** in chatbot reliability by introducing a GPT model.
- Applied NLP techniques (Sentiment Analysis, Text Classification, Summarization) to optimize text processing and content categorization, elevating chatbot interactions.
- Integrated GPT technology to improve chatbot responses and accuracy.
- Conducted a literature review to assess GPT model accuracy and biases, comparing it against Wikipedia data.
- Attained an additional **15% increase in user satisfaction** through the integration of the GPT model and advanced NLP techniques.

Edgate Technologies
Data Analyst

March 2020 - July 2022

- Analyzed procurement data to identify redundant suppliers, leading to renegotiation of contracts and an **estimated 15% reduction in procurement costs within the first year**.
- Prepared a robust data analysis using Excel and SQL, generating **30+ visualizations and reports** with PowerBI and Tableau to foster team collaboration and insights.
- Analyzed prototyping data rigorously, ensuring designs consistently surpassed industry benchmarks and norms, leading to a **10% improvement in product reliability and performance**.
- Utilized historical sales data and machine learning algorithms to forecast demand for key products, enabling proactive inventory management strategies and reducing instances of overstock and stockouts by 25%.
- Significantly bolstered overall system performance, resulting in a cumulative **35% increase in dependability and user trust**.

STRENGTHS AND EXPERTISE

SQL
ETL (Extract, Transform, Load)
Power BI

Python
Machine Learning
Deep Learning

Data Modeling
Data Mining
Tableau

EDUCATION

Dundalk Institute of Technologies
Master's in Data Analytics

September 2022-November 2023

Dayanadsagar College
Bachelor's in Telecommunications

July 2018-August 2022

PROJECTS

Customer Churn Rate Analysis and Reduction:

Edgate Technologies:

- Carried out a personalized retention strategy, leading to a **remarkable 20% reduction in customer churn rates over six months.**
- **Improved customer satisfaction and loyalty by 15%** through the identification and addressing of key pain points, contributing to enhanced overall retention.
- Successfully prevented churn and increased Customer Lifetime Value (CLV) by 10%, showcasing a positive impact on long-term revenue

Streamlining Product Development:

Edgate Technologies:

- Orchestrated initiatives to optimize EdGate Technologies' product development process, yielding a significant 15% increase in overall efficiency.
 - Collected and analyzed project data for valuable insights, contributing to a **20% improvement in data-driven decision-making.**
 - Identified bottlenecks and areas for improvement in the development workflow, leading to a 25% reduction in project delays.
 - **Built predictive models** for accurate project timelines and resource needs, **improving forecasting accuracy by 18%.**
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