

EDUCATION

- 2023** **Dundalk Institute of Technology, Ireland**
Master's in data Analytics, First Class Honors
- 2022** **Dayananda Sagar College of Engineering, India**
B.Eng. Telecommunication Engineering, First Class Honors.
-

BUSINESS EXPERIENCE

- 2023 - 2024** **ADAPT (Internship), Dublin**
Data Analyst
- Achieved a **20% enhancement** in chatbot reliability by introducing a GPT model.
 - Transformed text processing and content categorization with advanced NLP techniques, enhancing chatbot interactions to unprecedented precision.
 - Assisted in a meticulous literature review, revealing that the GPT model demonstrated an impressive **92% accuracy compared to Wikipedia data**.
 - Attained an additional **15% increase in user satisfaction** through the integration of the GPT model and advanced NLP techniques.
- 2020-2022** **Finest Minds Infotech**
Data Analyst
- Spearheaded data cleansing initiatives, utilizing advanced tools and scripts to **enhance accuracy by 20%** across diverse datasets from online surveys, CRM systems, and social media platforms.
 - Automated data cleansing techniques, including deduplication and standardization, **reducing report creation time by 30%** and ensuring consistency across datasets.
 - Implemented stringent quality assurance protocols to ensure data integrity and completeness, strategically aligning efforts with business priorities and regulatory mandates.
 - **Orchestrated comprehensive training sessions** to drive the adoption of reporting tools and best-in-class data governance practices, resulting in a remarkable **75% increase in stakeholder satisfaction**.
-

MAIN PROJECTS

Data-Driven Strategic for Market Competitiveness

Finest Minds Infotech faced a **20% increase in competition** in software development, requiring staying ahead of emerging trends for maintaining competitiveness.

Action:

- Aimed an in-depth data analysis utilizing predictive modeling, machine learning, and time series analysis.
- Integrated data from various sources managing a **dataset growth of 30% for comprehensive market understanding**.
- Identified patterns and anomalies using statistical algorithms and data visualization tools, resulting in **25% Improvement of data accuracy**.

Results:

- Early identification of key business trends such as **15% increase in demand** for cloud-based solutions
- Provided timely insights for strategic decision-making, resulting in **10% increase in R&D investments**.

Data Governance and Security Enhancement

Finest Minds Infotech faced escalating data management, security, and compliance challenges due to data growth, risking breaches, non-compliance, and data integrity by an alarming 40%.

Action:

- **Reviewed 10+ data management processes** and systems for gaps.
- Held **sessions for 50+ staff** on data governance and security.
- Implemented continuous monitoring systems to track data access, usage patterns, and security events in real-time.

Results:

- **Reduced violations from 20 to 10** per quarter, a 50% drop.
- Decreased errors from 15 to 12 per month, a 20% improvement.
- Increased Stakeholder Trust: **Boosted trust by 25%**, evident in higher client satisfaction and referrals.

ADDITIONAL INFORMATION

- Published two papers on International Journal for Research in Applied Science.
- Awards: Created a two-way authentication system and won project of the year during my engineering.
- Coding: Python, MATLAB, RStudio, SQL, ETL, Data Modelling, Data Mining, Tableau.
- Volunteered at Aakanksha where I've fostering creativity and joy in young minds through the art of dance.
- Volunteered at Shree old age home where I've provided support, companionship, and assistance to the elderly residents.
- Languages: English (Native), Hindi (Fluent).