Nisheet Agrawal

Email: Nisheetag@gmail.com | Contact No.: (+44)7442752640,(+91)8586086184 | UK Address: Leeds,LS1 | Indian Address: Dwarka, New-Delhi
Willing to Relocate |LinkedIn |Github

EDUCATION:
M. SC IN BUSINESS ANALYTICS AND DECISION SCIENCES |University of Leeds, United Kingdom |Sep 2022 - Sep 2023
B. TECH COMPUTER SCIENCE AND ENGINEERING |University of Petroleum and Energy Studies, India |Aug 2018 – May 2022

Analytical Tools:	**Programming Languages**:	**Database**:
● Power BI	● SQL (Structured Query Language)	● MySQL
● Advanced Excel	● Python	● Microsoft SQL Server
● Tableau		

Post-study/Graduate Visa for UK till 2026

Work Experience
Data Scientist intern
Ministry of Urban Affairs, Govt. of India, India| Oct 2024- present[Python | Postman]

- Designed and deployed a multilingual FAQ chatbot NLP integrating **FAISS** for semantic search and **Sentence Transformers** for embeddings.
- Implemented a hybrid translation system combining **Google Translate** and **Bhashini API** to support 22+ Indian languages, with fallback mechanisms for unsupported cases.
- Optimized query processing and API performance, ensuring accuracy of 95%
- Conducted end-to-end debugging and testing using **Postman**, resolving critical issues in translation and retrieval logic.
- Deployed the chatbot in UPYOG platform used by 36 States/UTs and 3280 ULBS across India
- Collected end-to-end data from 12 missions (e.g. Swachh Bharat, Urban Transport etc.) under Ministry of Housing Urban Affairs and populated 25K+ cells
- Built Data Visualizations on Power-BI of mission's dataset for Joint Secretary's decision-making
- End-to-end data integration of all schemes under National Urban Digital Mission

Data Scientist Intern

Alpha AI, India | May 2021 - Sept 2021[Python]

- Labelled images using AI tools and conducted video analytics with Python.
- Improved live object detection models, increasing detection confidence score from 0.7 to 0.95.
- Captured 15,000+ license plate images of traffic violations using TensorFlow and computer vision.

Business Developer Intern

Trainer Goes Online ,India | Jan 2022 - Aug 2022[MS-Excel]

- Achieved 93% individual target of $30,000 MoM leading a team of 5 virtual assistants
- Managed pipeline of 50 leads/wk, cold to hot & booked virtual consultations worth $200K in 7 months
- Scaled data management of 500 leads/wk on lead quality, follow-ups & contract details
- Devised a holistic follow-up plan on lead quality increasing 25% show up & 5% closing rate

PROJECTS:
Business 360 - Brick & mortar and e-commerce [Power BI | SQL | Excel | Dax Studio] (Apr 2024)

- Customized a multi-functional Power BI dashboard to analyze AtliQ hardware's sales trends over the global market by gathering data from 2 different sources (Excel/CSV files and SQL database).
- Built data model and visualizations in Power BI and revamped the report with DAX studio which improved the performance of the report by 5%.
- Developed a dashboard that enabled Atliq Hardware to analyze department sales trends, driving a projected 10% revenue acceleration and a 20% reduction in data-related expenses.

Sales Insights – Brick & mortar business [Power BI | SQL] (Mar 2024)

- Designed a Power BI dashboard to understand AtliQ hardware's last 4 years' sales trends.
- Led the initiative of displaying the sales trend of AtliQ hardware, allowing users to understand the data
- Created a dashboard projected to increase revenue by at least 7% in the next quarter.

P&L Report - [Excel | Pivot Table | Power Query] (Jan 2024)

- Generated a comprehensive P&L report for AtliQ Hardware FY 2022, utilizing advanced features in Excel such as Pivot Tables and DAX to provide granular insights into revenue streams and expense categories.
- Automated data cleaning using Power Query, which can rescue around **4 hrs.** of repeated manual work.
- Deployed DAX-based calculation models, resulting in a 30% increase in report accuracy and providing users with more nuanced, flexible data insights.

Real Estate Price Prediction [Python] (April 2023-Sept 2023)

- Investigated the Zillow USA houses Dataset with over 15,000 rows.
- Evaluate the ML model through RMSE, Absolute Mean Error, and K-fold cross-validation.

Analyzing Brewdog Beer Dataset [Excel |R] **(**Feb 2023)

- Performed ETL on 10,000+ entries, improving data quality by 25% using imputation and deletion techniques
- Identifying 5 distinct beer types through clustering using the dendrogram method.

CERTIFICATIONS

- Get Job Ready: Excel, SQL, Power Bl, Python Data Analytics for All Levels 3.0 | Codebasics (May 2024-Sept 2024)
- Full Stack Data Analytics Bootcamp | Ineuron (May 2024-Sept 2024)
- Excel Skills for Business: Essentials | Macquarie University (June 2021)
- Python for Machine Learning and AI workshop |IIT Roorkee (August 2020)
- Transform your life with chat-bots | DR Academy (Dec 2023)