Akhilesh Kumar Mishra

📞 8004240857   ✉ akhilesh857.mishra@gmail.com   in linkedin.akhilesh   ⚪ akhil-k-m

Experience

Blackcoffer   **March 2024 - Ongoing**
Data Science Associate   *Remote*

- Built Looker and Power BI dashboards for Google Ads data, improving visualization by 30% and insights by 20%.
- Extracted, transformed, and loaded data between Google Ads and BigQuery databases using BigQuery API.
- Leveraged SQL in BigQuery to query and manipulate data, enabling advanced analytics and reporting functionalities.
- Designed Python script using Graph API, getting a 20% efficiency gain in data retrieval from Instagram and Facebook.
- Enabled analysis of engagement metrics like likes, comments facilitating data-driven decision-making.
- Automated the task of data collection, significantly reducing manual effort and increasing efficiency.

DPDzero   **September 2023 – November 2023**
Data Analyst Intern   *Remote*

- Analyzed over 10 datasets using **SQL**, **Excel**, and **Python**, uncovering essential insights about loan applicants.
- Enhanced decision-making by leveraging data insights, resulting in a **15%** increase in strategic business decisions.
- Improved data visualization by 25% through the creation of interactive Power BI dashboards, facilitating clear communication of intricate trends and key performance indicators (KPIs) to stakeholders.

NeoDocto Inc.   **June 2023 – August 2023**
Machine Learning Intern   *Remote*

- Acquired practical experience in natural language processing (NLP) during a machine learning internship at NeoDocto,gaining expertise in NLP techniques and methodologies.
- Developed a chatbot with Dialogflow and ManyChat, reducing patient interaction workload by 15%.

Projects

E-Commerce Sales Analysis | *SQL, Power BI*   **December 2023 - January 2024**

- Conducted E-commerce data exploration with advanced SQL, unveiling insights on profitable categories, peak sales months, customer demographics, and RFM-based segmentation, leading to a 30% increase in revenue targeting.
- Crafted a Power BI dashboard displaying sales trends, customer behavior, and SQL-derived inventory data, leading to 25% improved targeted marketing via RFM segmentation for enhanced business outcomes.

Deepfake Detection | *Python, Deep Learning , CNN*   **September 2022 - March 2023**

- Developed a specialized/customized 4+ layered CNN model for deepfake detection based on extensive literature review.
- Achieved 95%+ accuracy in binary image classification with a hybrid **Inception-ResNet** sequential model.
- Pioneered deepfake detection model on **OpenForensics**, authored research paper on findings and contributions.

Education

Nitte Meenakshi Institute of Technology   **July 2019 – July 2023**
Bachelor of Engineering, Information Science and Engineering   *CGPA- 8.52*

Certifications

Google Data Analytics Professional Certificate

- Performed data extraction on various datasets comprising 1000+ entries to ensure accuracy and reliability.
- Designed Tableau dashboards with multi-million-row datasets, expediting data-driven decisions by 50%.

Microsoft Power BI Data Analyst Professional Certificate

- Designed 10+ interactive dashboards with diverse visualizations, providing comprehensive data insights.
- Completed data processing, and ETL in Power BI for streamlined analysis across 10+ datasets .

Technical Skills

Advanced Excel : Count If, Sum If, VLOOKUP, Index, Match, Pivot Table, Pivot Chart
SQL : Data types, Queries, Aggregate Functions, Subqueries, Joins, CTEs, Window functions
Power BI : Data Reporting, DAX, Data modelling, Data transformation, Dashboard, Action filter
Programming Languages : C/C++, SQL, Python
Machine Learning : Regression, Classification(Random forest, KNN), Clustering(K-means), CNN, ANN
Libraries/Frameworks : Pandas, Numpy, Tensorflow, Flask
Cloud/Databases : Bigquery, GCP, MySQL, Mongodb