Ashutosh Pandey

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Business Intelligence Analyst / Data Analyst

EDUCATION

• AI & ML, Postgraduate degree, Durham college, Oshawa, ON, Canada	**Sept 2023 - Apr 2024**
• Big Data Analytics, Postgraduate degree, Georgian College, Barrie, ON, Canada	**Jan 2023 - Sept 2023**
• Bachelor's in technology, CSE, Sikkim Manipal Institute of Technology, India	**Aug 2014 - July 2018**

PROFESSIONAL EXPERIENCE

Charles Schwab (Mindlance), India   **06/2021-11/2022**

Business Insight Analyst / Data Analyst

- Developed scalable analytics solutions using advanced techniques in SQL (SQL Server) and Python (Pandas, Numpy, Matplotlib), improving data quality and reducing analysis times by 30%, closely aligned with the data preparation and feature engineering requirements.
- Created large-scale datasets by writing SQL queries to transform raw data into actionable insights. Implemented scalable data solutions ensuring efficient storage and retrieval of large datasets.
- Analysed large dataset, performed data cleaning & transformation using advanced Excel, SQL, Python, including Power Query ensuring data integrity and accuracy.
- Designed and implemented composite data models, creating interactive visualizations and developing KPIs to fulfil the requirement of the financial portfolio and corresponding sections.
- Developed interactive PowerBI dashboards using DAX and M-coding to analyse KPI, providing business intelligence and insights to non-technical stakeholders.
- Developed python scripts for data transformation, to convert various data types into standardized formats, facilitating efficient data accessibility and analysis crucial for machine learning and predictive analytics tasks.
- Implemented foundational SQL datasets to support reporting analysis in generating actionable insights.
- The project significantly improved efficiency and data quality, reducing analysis times, and enhanced decision-making through interactive visualizations resulting in increased revenue.

Citi Group (DISYS), India   **08/2020-06/2021**

Data Analyst

- Worked with relational databases including designing schemas, manipulating, analysing data, and writing complex SQL queries to improve the performance by 25%.
- Designed the interactive dashboards in MS Excel & Power BI to analyse the current trends for margin and Profit to provide actionable business insights.

Artech, India   **12/2019-07/2020**

Analyst

- Wrote SQL scripts to pull data from SQL Server and save it to excel for business reporting. Used excel for pivot and making visualizations.

NLB Services, India   **08/2018-12/2019**

Associate

- Utilized SQL and Advanced Excel for data processing and analysis, successfully deploying a quality project for clients, focusing on efficiency and accuracy in data handling.

TECHNICAL SKILL

- **AI Development**: Python & libraries (matplotlib, pandas, seaborn, scikit-learn, Pytorch, TensorFlow), LLM, GPT-3, Transformers, Langchain, RAG, Fine-tuning, NLP.
- **Big Data tools**: Hadoop, Hive, HDFS, Apache Spark, Scala, Apache Kafka, PySpark.
- **Database**: MySQL, MS SQL Server, Oracle, PostgresSQL. **BI Tools :** PowerBI (DAX,M-Coding), Tableau

Project Durham College

- Developed a ChatBot application with Streamlit, integrating Generative AI, RAG functionality of LLM, and NLP tasks using LangChain, HuggingFace API. Chatbot will provide answer on question asked in prompt.