Gurpreet Singh
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PROFILE

Dynamic Data Analyst with an MS in Big Data and Business Intelligence, delivering 3 years of expertise in driving strategic decision-making through actionable insights. Proficient in Python, SQL, and adept at developing impactful Tableau and Power BI dashboards.

EDUCATION

University of Greenwich   **London United Kingdom**
MSc in Big Data and Business Intelligence   *November 2022*
- Excelled in Python (Pandas, Sci-Kit, Matplotlib, Seaborn, TensorFlow), SQL, and Linux.

Grade 2:1

WORK EXPERIENCE

Natterbox   **London United Kingdom**
IT Analyst   March 2023-Present
- Developed interactive Tableau dashboards, leveraging SQL for data retrieval, to visualize customer satisfaction scores, resulting in a 25% increase in positive feedback.
- Designed and developed data pipelines to efficiently process and transform large datasets, resulting in a 30% reduction in processing time.
- Implemented optimized SQL queries against extensive datasets to extract relevant business insights, leading to a 25% increase in data retrieval speed.
- Translated complex business logic into feature engineering pipelines, enhancing data processing efficiency by 20% and enabling faster decision-making.
- Worked closely with software developers, business analysts, and data scientists to understand requirements and translate them into efficient data models, enhancing overall project delivery by 20%
- Developed 8 management reports on Tableau and OBIEE platforms, leading to a 40% improvement in data visualization effectiveness and a 25% increase in stakeholder satisfaction.

Collabera Technologies   **Noida India**
Data Analyst   *Feb 2020 – Aug 2021*
- Utilized Python, including Pandas and Matplotlib, to enhance data analysis and visualization processes within Tableau and Power BI.
- Consolidated sales and inventory data in Power BI, integrating SQL queries for data transformation, facilitating a unified view, and contributing to a 10% reduction in excess inventory. Identified and implemented cost-saving measures, leading to an average annual cost reduction of 15%
- Designed and developed data pipelines to efficiently process and transform large datasets, resulting in a 30% reduction in processing time.
- Implemented optimized SQL queries against extensive datasets to extract relevant business insights, leading to a 25% increase in data retrieval speed.
- Translated complex business logic into feature engineering pipelines, enhancing data processing efficiency by 20% and enabling faster decision-making.
- Interacted with clients to understand business requirements and applied analytical concepts to generate actionable insights, resulting in a 15% improvement in client satisfaction scores.
- Conducted regular data quality assessments, implementing corrective actions that reduced data errors by 25%, ensuring high-quality data for analysis

Doon Consulting   **Gurgaon India**
Business Consultant   *Sept 2019- Dec 2019*
- Resolved 90% customer complaints, contributing to target achievement.
- Improved processes and saved 15% time through Tableau dashboards.
- Created Power BI dashboards to track employee performance, boosting team efficiency by 20%.

PROJECT

Financial Complaints Dashboard
Visualization tool- Tableau
- Developed a Tableau dashboard for financial complaints, leading to a 10% production improvement.
- Link: https://lnkd.in/e_YREewh

Tableau Public Profile: https://public.tableau.com/app/profile/gurpreet.singh7060
GitHub: https://github.com/gurpreettech

SKILLS & INTERESTS

Programming Languages: Python (including Pandas, Matplotlib, Seaborn, TensorFlow), SQL

Data Tools: Tableau, Power BI, Databricks, Git, Salesforce

Management: Leadership, Communication & Presentation, Consulting, MS Office, Microsoft PowerPoint