

Sohamkumar Patel

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SUMMARY:

I am experienced Data Analyst proficient in Python, SQL, SharePoint, Microsoft Power BI, Excel, Access and Tableau. My expertise lies in data cleaning, manipulation, and visualization, showcasing strong analytical and problem-solving skills.

TECHNICAL SKILLS:

- **Programming Languages:** SQL, Python, Java, HTML, CSS, JavaScript, C/C++, C-sharp
- **Databases:** MS SQL Server, MySQL, Oracle DB
- **Skills:** Database Management, Data Warehouse, Analytical and Critical Thinking, Teradata, Data Mapping, Data Modeling, Problem-Solving, ETL, A/B Testing, Attention to Detail, Data lifecycle Collaboration skill, Statistical Analysis, Teamwork, Presentations, Retail Link. Communication, Agile Methodology, Excellent Math skill, Project Management, ERP System.
- **Tools:** MS Excel (Pivot Tables, VBA -Macros), SSRS, SSIS, Tableau, SAS, Microsoft SQL Server, PG Admin(Postgre SQL), Microsoft Power BI, Microsoft Access, DBT, Mode Analytics, SharePoint, ETL, JIRA, Adobe Analytics, Google Analytics, Google Cloud, PowerPoint

EXPERIENCE:

Data Analyst - Walmart, Canada | Aug 2023 - Present

- Mined, cleansed and interpret data from diverse sources including **databases, spreadsheets**, social media platform and software applications using statistical techniques at Walmart.
- At Walmart, conducted detailed account research and provided support for Billing & Collections, Prepared and maintained **technical and procedural** documentations.
- Developed impactful reports and dashboards in **Tableau and Excel** for efficient e-commerce/omni data visualization in the dynamic environment for Vendors and stores and prepared **PowerPoint** presentations.
- Worked closely with multiple stakeholders and vendors to understand and translate business needs into technology-supported custom **reports** and solutions, utilizing **data visualization** tools and dashboards.
- Ensured compliance with monthly TLA audits by developing thorough process flows, integrating systems effectively, and crafting detailed presentations.
- Effectively improving **data quality** through data analysis and managing conversations across departments to address and resolve issues promptly.
- Provided operational support to senior management and staff, contributing to the seamless execution of day-to day achievement of various **KPIs and Performance Metrics**.

Data Reporting Analyst - Orbit Software. Ahmedabad, India | Jun 2020 - Aug 2021

- Supported the team in developing efficient and user-friendly reports and dashboard views using SQL, **Excel** and **Tableau**.
- Designed and implemented trend-focused **ad-hoc reports**, ensuring alignment with retail and fashion operational processes. Collaborated closely with QA teams utilizing JIRA to guarantee data accuracy, contributing significantly to project success.
- Conducted detailed data analysis to identify trends, patterns, and insights using statistical techniques.
- Utilized information to make recommendations to upper management and stakeholders.
- Demonstrated excellent communication and stakeholder management skills by conveying complex technical concepts to non-technical audiences. Interacted with business stakeholders to understand and address data-driven project requirements.
- Leveraged a solid understanding of retail, metrics, and operational processes to provide strategic insights. Demonstrated strong **problem-solving skills**, identifying business opportunities from data insights.

Intern – Python & ML Developer - Maxgen Technology. Ahmedabad, India | Jan 2020 - May 2020

- Developed the facial recognition system for automated student attendance tracking using **Python** programming language, leveraging its versatility and efficiency.
- Utilized Python to build a robust and scalable solution, ensuring seamless integration with the Raspberry Pi hardware for optimal performance.
- Interfaced and synchronized the software with the **Raspberry Pi** hardware.
- Initiated and led the development of a Facial Recognition System for attendance tracking at Indus University. Successfully piloted the project for a specific class, showcasing its potential to streamline attendance processes.

PROJECTS:

Covid-19 Interactive Visualization (SQL, Tableau, Excel)

- Developed an interactive visualization tool using SQL and Tableau to display data on the spread of COVID-19 using tableau built various charts to display Covid-19 active cases, Deaths & Recoveries around the globe.

Cricket world cup Analysis (Jupyter Notebook, Python, Power BI)

- Create best 11 players team based on world cup 2022 data. Used Python script to preprocess the sports data and create tables with the help of conditional formatting in Power BI.

Movie Recommendation Model of Netflix (Pycharm, Python, Natural Language Processing)

- Developed a movie recommendation Chabot using Python (Pandas, NumPy) and advanced NLP, implementing collaborative filtering algorithms on Netflix data by delivering context-aware film recommendations.

Sentiment Analysis of Amazon Appliances Reviews (Python, Jupyter Notebook, Pandas, Matplotlib)

- Conducted comprehensive data preprocessing and sentiment analysis using Python.
- Applied sentiment analysis with TextBlob to classify reviews in positive, negative or neutral, providing insights

EDUCATION:

Centennial College - *Post-Graduation in Artificial Intelligence* | Toronto, Canada

Sep 2021 - Apr 2023

Indus University - *Bachelor of Technology in Computer Science* | Ahmedabad, India

Aug 2016 - May 2020

Internships & Certifications:

- Web Developer - Silverwing Technologies Pvt. Ltd. (1 month)
- Block-Chain Developer – Silver Tech Pvt. Ltd (2 months)
- SQL Developer (Coursera 2022)
- Python for Data Science (Udemy 2022)