

SAMANTHA BRITSCHGI

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SUMMARY

A dedicated and results-oriented Data Analyst with a Master of Science in Data Analytics and a proven track record in conducting data analysis, implementing data pipeline automation, and leveraging technical expertise in Python, SQL, and data visualization tools. Seeking a challenging role to apply advanced analytical skills and drive actionable insights that optimize business strategies and enhance operational efficiency in a dynamic and data-centric environment.

EDUCATION

Master of Science: Data Analytics
Seattle Pacific University | August 2022

Bachelor of Arts: Psychology
Seattle Pacific University | June 2020

Bachelor of Arts: French
Seattle Pacific University | June 2020

EXPERIENCE

Data Analyst

GUMMICUBE | Remote, CA | Apr 2022-Current

- Assisted in developing a predictive model leveraging historical data to forecast upcoming trends in app downloads, employing a seasonal autoregressive analysis model
- Translated raw data into meaningful information using statistical techniques
- Maintained documentation of all the processes related to Data Analysis
- Optimized existing database structures for better performance on analytics tasks
- Built visualizations that enabled users to quickly interpret results from complex analyses
- Designed automated ETL processes for efficient data extraction, transformation and loading in order to improve accuracy and reliability of reporting systems utilizing Python, APIs, and Google Cloud Platform
- Collaborated with stakeholders across the organization to understand their needs from a data perspective.

Jr. Business Analyst

GUMMICUBE | Remote, CA | Sep 2021-Current

- Generating dashboards and visualizations to track clients KPIs utilizing Power BI, Google Looker Studios, Google Sheets, Python, and Excel
- Conducted data cleaning, aggregation, transformation, and extraction employing diverse tools and cloud-based architectures

- Conducting ad-hoc reports and queries to perform analysis on mobile app data sets using statistical tools to identify trends and derive insights from the data
- Created predictive models to forecast customer behavior
- Integrated external APIs with internal systems for improved analytics capabilities
- Identified areas where technology can improve existing business processes and procedures
- Analyzed large datasets to identify trends, patterns and correlations for business insights
- Synthesized business intelligence or trend data to support recommendations for action.

Electronic Data Interchange Analyst

NELSON & KENNARD | Sacramento, CA | Apr 2021-Aug 2021

- Automated EDI processes and managed client liaison in Excel via VBA and Power Query
- Resolved issues affecting data and file transfers, ensuring seamless operations
- Translated data to align with both business and client needs via technical solutions
- Created detailed documentation outlining the process flow of each EDI transaction
- Managed and maintained electronic data interchange (EDI) file systems, ensuring data integrity
- Validated, cleaned, and efficiently imported/exported data to meet clients' standards
- Evaluated customer requirements against current system capabilities and develop plans for any necessary modifications or enhancements
- Analyzed incoming data files to identify issues or errors related to the mapping of data elements
- Researched and implemented new technologies that would improve the efficiency of internal processes.

SKILLS

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|---|---|
| ● Python | ● Analytical Problem Solving |
| ● R | ● Machine Learning |
| ● SQL | ● Data Modeling |
| ● Data Visualization | ● Microsoft Excel |
| ○ <i>Power BI, Tableau, Looker Studio</i> | ● Data Warehousing |
| ● Data Preprocessing | ○ <i>BigQuery & Redshift</i> |
| ● Data Storytelling | ● Cloud Platforms |
| ● Statistical Analysis | ○ <i>Amazon Web Service & Google Cloud Platform</i> |

CERTIFICATIONS

Certificate: Microsoft Excel Associate Certification

Credential ID 38188721 | Jan 2021