Samantha Britschgi

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Objective

A dedicated and results-oriented Data Analyst with a Master of Science in Data Analytics and a proven track record in executing Business Analyst duties, 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 & Certifications

SEATTLE PACIFIC UNIVERSITY
Seattle, WA
MS, Data Analytics. 3.23 GPA   Aug 2022
Relevant Coursework: Decision Making with Business Intelligence and Analytics, Data Mining, Data Visualization, Database Management, Information Systems Management, Marketing Analytics, Programming for Data Analytics: Python and R, Ethics, Knowledge Management and Business Intelligence, Leadership.

STUDY ABROAD   Pau, France
Study abroad coursework in french and francophone studies.   Aug 2019 – Dec 2019

SEATTLE PACIFIC UNIVERSITY
Seattle, WA
BA, Psychology & BA, French. 3.54 GPA   Jun 2020
Relevant Honors: Cum Laude & Psi Chi
Relevant Coursework: Social Psychology, Behavioral Neuroscience, Research Methods, Cross-Cultural Psychology, Statistics, Learning and Behavior.

MO 200 Microsoft Excel Associate Certification
Credential ID 38188721   Jan 2021

Experience

GUMMICUBE   San Jose, CA
Data Analyst   Apr 2022 – Present
- Executed all Junior Business Analyst responsibilities as listed in the below job.
- Supported fellow data analysts as required, particularly in leveraging SQL within BigQuery, implementing the seasonal autoregressive analysis model to predict app download patterns, and diagnosing issues within the semi-automated data pipeline utilizing Python.
- Automated data pipeline using Python, APIs, and a cloud-based architecture resulting in an increase in efficiency.
- Assisted in developing a predictive model leveraging historical data to forecast upcoming trends in app downloads, employing a seasonal autoregressive analysis model.

Jr. Business Analyst   Sep 2021 – Apr 2022
- Communicated directly with internal stakeholders to provide actionable insights from analyzed data.
- 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
- Developed and maintained a data warehouse within a cloud-based architecture.

NELSON & KENNARD   Sacramento, CA
EDI Analyst   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.
- Managed and maintained electronic data interchange (EDI) file systems, ensuring data integrity.
- Validated, cleaned, and efficiently imported/exported data to meet clients' standards.

Skills & Interests

Technical:
- Python
- R
- SQL
- VBA
- Machine Learning
- MS Office Suite
- Google Workspace
- Google Cloud Platform
- Power BI
- Tableau

Skills:
- Data Manipulation and Analysis:
  - Python libraries such as: Numpy, Pandas, MATLAB
  - R libraries such as: dplyr , tidyr, ggplot2
- Database Management & Cloud Data Warehousing: (Google Big Query)
- Data Visualization (Tableau, Power BI, Looker Studio, Python, R, Excel)
- Data Cleaning, Preprocessing & Wrangling
- Cloud Platforms: AWS & Google Cloud Platform (GCP)
- Data Modeling: Regression Analysis, Time Series Forecasting, Clustering, Classification
- Machine Learning and Statistical Analysis: Scikit-learn, TensorFlow, Keras, NLTK
- Data Visualization & Dashboard Design: UI/UX principles & dashboard optimization
- Data Governance and Security: Understanding of GDPR, HIPAA, data encryption, Data Quality, Assurance, Access Control
- Data Storytelling: Presenting complex data insights to non-technical stakeholders effectively
- Data-driven Decision Making: Engaging in discussions on how data shapes organizational strategies

Interests:
- Continuous Professional Development: Attending workshops, webinars, or courses to stay updated with the latest tools and technologies in the field of data analytics and engineering
- Video Games
- Sports (volleyball, basketball, football)
- Reading
- Cultural Engagement