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Objective

Team-oriented data scientist with a recent bachelor's degree in the field and four years of experience in business intelligence analytics. Offering expertise in building models, scripts, and reports that translate data points into actionable business insights for statistical and predictive analytics. Proven ability to increase extraction efficiency and accuracy, with strong skills in research and programming practices.

Relevant & Transferrable Skills

- Python, SQL, R, JSON, Java, JQuery
- Jupyter, PANDAS, scikit-learn (ML)
- Tableau, Looker, Salesforce, AWS, Docker
- Big Data, Data Mining, ETL, NLP
- AGILE, JIRA, Rally, Git/Source control
- Data Viz: D3, HighChart, ZingChart
- HTML, Javascript, CSS, Bootstrap, Pure CSS

Experience

Coforge - Technical Analyst / [Sabre - Sr. IT Business Systems Analyst] - March 2023 - Present

- Ensure ticket requests are correctly processed for DEV team, balancing between quick implementation turnaround times for cost savings and the deadlines set in place given DEV team's limited bandwidth
- Routinely submit traffic estimate reports to calculate the potential impact on downstream systems for regular expressions planned for PROD implementation - Created semi-automated pipeline Excel sheet:
 - Input data from preformatted template GCP queries and use Excel formulas to calculate overall traffic volumes. Reduced task duration by few hours, depending on volume of entries
- Applied Python knowledge to expedite DEV task of comparing .XML files across testing environments & highlighting character differences. Significantly improved DEV review process efficiency and accuracy

Liftoff - Business Intelligence Analyst - April 2021 - September 2022

- Regularly utilized advanced SQL, Tableau techniques, and integrations from multiple data sources to create customer/peer comparison reports and fulfill high priority, ad-hoc analysis requests.
- Implemented numerous data sources and Tableau dashboards, as well as maintained ownership by taking charge of feature requests, bug fixes, and future updates communicated from stakeholders.
- Reconstructed company data sources and dashboards to then create combined company data after recent merger - analyzed views in Looker and recreated tables using SQL and Tableau.
- Redesigned existing, error-prone Python script that pulls and exports Salesforce Market Data efficiently and effectively - reduced runtime by 75% and included exception handling.

Alliant Insurance - Business Intelligence Internship - June 2019 - August 2019

- Applied Python and Machine Learning to provide a data-driven, non-subjective approach to assess risk scores for properties at the zip code level based on weighted, predictive factors rather than intuition.
- Spearheaded creation of efficient algorithm that applied Random Forest Regression, K-Means Clustering, and statistical functions, narrowing data down to 6 significant features per loss type
- Succeeded in negotiating deals for 3rd party community and property data for model testing - Presented proof-of-concept model to management with goal to purchase additional 3rd party data.
- Model currently used as automated underwriter for renewal processing of clients' insurance policies.

Computational Neural Data and Dynamics Lab - Research Assistant/Intern - October 2018 - June 2019

- Python, R, MySQL, & Plotly with web app dev to create interactive repository consisting of epigenomic data, displayed as scatter and tSNE plots - Coordinated team meetings and weekly 1-on-1s with professor to distribute work amongst team members and to discuss updates, blockers, & future steps

Education

University of California San Diego - BS in Data Science