Jagos Perovic

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Skills

Programing Languages: SQL, Python
Big Data: Airflow, Spark, Delta, Deequ
DevOps & Cloud: Amazon Web Services (AWS), Docker
Analytics: PowerBi, Plotly Dash

Experience

Supply Chain Optimization, Heineken – White Plains, NY   December 2022 – September 2023
- Implemented ETL pipelines and automation scripts for different reports that saved team members 2 hours of labor per day
- Independently improved major bottlenecks in report refresh times decreasing run time by 25%
- Merged all the department's KPI data into easily accessible dashboards used for department and project meetings
- Provided insights and reports to the Customer Service department to better understand and process data of the complete Heineken import business in the USA
- Responded to requests and added new features to existing dashboards and held team training sessions

Data Engineer, Oranca Organik – Remote   September 2020 – August 2021
- Outlined a new data warehouse to meet business requirements
- Orchestrated pipelines for optimal extraction, transformation and loading of data from various other data sources including JSON, Excel, Aurora into AWS Redshift
- Managed 100 GB data warehouse which included customer, sales, product, and project tracking data
- Collaborated with data analysts in support of SEO by assisting with their data needs and translating data into actionable insights to drive growth

Larger Projects

Facebook Gender Inequality Monitor, MacroXStudio – San Francisco, CA   September 2023 – Present
- Created an ETL pipeline that connected to the Facebook Marketing API to get demographic data and merged it with countries' socio-demographic data used to train a model that would provide an accurate prediction of the gender gap
- This is updated monthly which is more often than the existent yearly solution

Clinic Expansion, Open Arms Clinic – Elkhorn, WI   May 2022 – September 2022
- Assembled large and complex datasets containing Census data, Google maps, and internal company data using Spark
- Performed advanced clustering and times series analysis to identify vulnerable communities in Walworth County and find a specific area where the business should expand its services resulting in the clinic providing free healthcare to 15,000 most vulnerable people

Education

University of Rochester – Master of Science in Data Science   December 2023
Beloit College – Bachelor of Arts in Quantitative Economics & Econometrics   May 2022