OZAN OZBEKER

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Data Analytics & Consulting

Dynamic and growth-oriented Data Scientist with a background in Manufacturing Engineering and Supply Chain Analytics, I specialize in driving data-centric solutions and innovative projects across diverse industries. Starting with foundational skills in Python and SQL, I quickly became an expert in R, mastering it in real-world scenarios. My role has expanded to being the tech lead for multiple clients, running end-to-end data projects and presenting their results.

Key Contributions

- **Data Management & Visualization:** Developed robust data infrastructures using self-hosted PostgreSQL and implemented efficient ETL processes with R & the {tidyverse} family of packages, significantly enhancing data accessibility and manipulation. Expert in building insightful Tableau dashboards and Quarto/RMarkdown reports tailored to client needs.
- **Advanced Analytics:** Adopted cutting-edge tools like Helium10, Scrapfly, & Oxylabs for sophisticated web scraping, and extracting valuable data from platforms like Amazon and Walmart to inform strategic decisions.
- **Software Improvement:** Adopt the use of Docker, DuckDB, Git, & GitHub, and designed a custom {ggplot2} add-on aligning with company guidelines.

In my previous roles, I led substantial Continuous Improvement initiatives, generating savings of $1-3 million by optimizing processes on the manufacturing floor. I spearheaded quality control standardization across North American facilities and contributed to inventory management through a bespoke recommendation engine. My technical toolkit expanded during this time to include CAD for designing new machinery layouts and developing ad-hoc dashboards for strategic oversight. My analytical journey is underpinned by a strong educational foundation, including a role as a Teaching Assistant during my undergraduate studies, where I honed my skills in teaching and academic leadership.

Core Competencies

Analytics: R (Tidyverse), SQL (PostgreSQL, DuckDB), Git & GitHub, Excel

Communication: Quarto, ggplot2, gt, shiny, HTML & SCSS/CSS