

# Joseph Ruiz

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## Summary

As an accomplished BI Analyst, Engineer, and Finance professional, I bring a unique blend of technical proficiency and business acumen, honed through extensive experience in data analysis, machine learning, and software engineering. My career is marked by a commitment to leveraging powerful BI tools, Tableau dashboards, and sophisticated machine learning models to drive operational efficiency and informed decision-making. With a passion for creating data-driven products that not only address immediate needs but also generate valuable insights, I am eager to continue applying my skills in environments where innovation and data are at the forefront of business strategy.

## Skills

Powerbi, SQL, Tableau, PRISM, Jaspersoft, Metabase, Python, R, dbt (ETL tool), Ruby, JavaScript, HTML, CSS, Java, C#, Excel, Access, SAGE, Clickbase, STATA, Eviews, Oracle (JDEdwards ERP), React.js/Redux, Golang, Drone, Airflow, AWS, GCS

## Languages

Korean (Intermediate)  
Spanish (Intermediate)

## Work Experience

### **Sr. Data Engineer - Shipt (Nov. 2022 - present)**

I led the development of dbt models during the transition to an Enterprise Warehouse to establish a reliable source of truth, and modified Golang application pipelines to support the shift from AWS to GCS. I developed centralized metric pipelines with comprehensive accuracy tests, analyzed Tableau technical debt to drive optimization and consistent metric creation, and implemented the resulting improvements. I also managed CI/CD changes using Drone across multiple pipelines and image updates, and handled troubleshooting and updates for Airflow DAGs and Snowflake tasks.

### **Sr. BI Analyst - Truepill (Feb. 2022 - Nov. 2022)**

I led the development of dbt models to ensure source-of-truth accuracy and built foundational models to compare production data with ERP reporting. I automated models that alerted stakeholders to forecasted drops in plan or expected revenue and cost averages, enabling earlier and more informed decision-making. I also developed interactive dashboards that supported what-if analysis and successfully transitioned the entire Finance organization off Google Sheets and Excel.

### **Business Analyst - Convoy (Jul. 2021 - Feb. 2022)**

I recommended process changes to increase shipment completion and analyzed shipper and lane health to strengthen carrier confidence. I revamped reporting using whichever tools best met the actual needs of business users, and I advised on improvements to machine-learning models to more accurately forecast expected shipment volumes.

## Education

### **University of Southern California**

Master of Science in Financial Engineering

### **Flatiron Bootcamp**

Full Stack Web Development

### **General Assembly Bootcamp**

Data Science

### **University of Washington**

Bachelor of Science in Economics