

# Cameron Walker

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[Portfolio Website](#) | [LinkedIn Profile](#) | [Github Profile](#)

## Experience

### **Eckard Enterprises – Data Scientist | Dallas, TX | January 2025 – February 2025**

- Designed interactive dashboards to visualize investor profiles using SQL and Metabase
- Developed dynamic travel optimization maps using Python-Plotly to maximize investor engagement
- Created KPI metrics using Python to evaluate investor potential and priorities outreach

### **Black Knight – Data Analyst | Dallas, TX | Sept 2019 – June 2023**

- Digitized and structured hundreds of mortgage products, transforming written guidelines into a searchable database that improved accessibility and efficiency
- Ensured accuracy and compliance by analyzing mortgage provider data daily, maintaining an industry-leading database
- Coordinated cross team projects to ensure on time deployment of client deliverables
- Designed and maintained Excel sheet which increased implementation efficiency by 46%
- Maintained personal dashboard decreasing error rate by 80% and increasing time management efficiency by 22%

## Relevant Projects

### **Yelp Search & Housing Price Model | Winter 2024 | Python**

- Built a dataset using the Yelp and Zillow APIs to link business density, category types, and review patterns with housing market trends
- Trained a random forest model to estimate housing prices based on Yelp Data
- Reverse-engineered Yelp's search logic and developed a custom ranking algorithm to improve search relevance and transparency

### **March Madness Prediction | Summer 2024 | SQL + Python**

- Aggregated historical team performance data from multiple sources using SQL
- Trained scikit-learn based machine learning models to predict game outcomes and tournament results
- Produced simple and clean visualizations to support strategic decision making

## Education

### **San Diego State University – San Diego, CA**

B.S. in Applied Mathematics | Minors: Statistics, Economics

### **Universität Zürich – Zurich, Canton of Zurich, Switzerland – Exchange Program**

Economics

## Skills

**Technical:** Python, R, SQL, Pandas, NumPy, Scikit-learn, ETL, ML, Data Visualization

**Professional:** Problem Solving, Communication, Teamwork