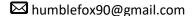
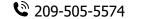
# **Justin Fox**

# Data Analyst | Data Scientist





♣ Modesto, CA





in LinkedIn

### **SUMMARY**

I am an innovative, strategic, and autonomous Senior Business Data Analyst. I have a strong technical aptitude and 8 years of professional business and technical experience processing, analyzing, and reporting data to support decision-making. Eager to learn and face new challenges, I am currently seeking to grow my career in data science & analytics. I am also open to leadership roles.

### **SKILLS**

**TECHNICAL** 

Machine Learning Relational Databases ETL. API

Web Scraping

**LANGUAGES** 

Python (Pandas, NumPy, Scikit-Learn, Seaborn) SQL, VBA, GIT **ANALYTICS** 

Power BI, Tableau
Data Modeling
Data Mining
Statistical Techniques

SOFTWARE/TOOLS

MS Excel (Vlookup, Sumif, Pivot) Visual Studio Code SSMS, SQL Server Jupyter Notebook

## **CERTIFICATIONS**

MICROSOFT CERTIFIED: POWER BI DATA ANALYST ASSOCIATE | December 2022

**Credly Badge** 

### **EXPERIENCE**

#### Business Analyst II | San Joaquin County Probation | Stockton, CA | December 2014 - Present

- Identified and developed KPI's and metrics, written complex SQL data queries, designed Power BI reports, performed statistical and quantitative analyses, and utilized explanatory and predictive modeling/forecasting to deliver intuitive and informative insights regarding programs and business operations through BI and self-serve analytical solutions for business stakeholders.
- Improved and automated (with Python, SQL, and VBA) all monthly department metrics and over ~20 data extractions/reports using ETL and data processing methods for both internal and external stakeholders.
- Tuned, monitored and maintained the quality, integrity, and confidentiality of data sources among 4 core business applications and databases, as well as across 9 integrations (SFTP, XML, API, SQL stored procedures).
- Constructed a machine-learning model application that predicts likeliness of clients to complete their probation term
   successfully with 89% accuracy, and performed exploratory analysis to find insights and present findings to management.
- Led efforts on data migration (mapping and validation) from an Oracle to Azure for a system replacement project, which included over 100 tables of data.
- Improved user experience and business enablement in our Microsoft Dynamics 365 application to satisfy business requirements, save hours of data entry, and collect higher quality data.

### **EDUCATION**

#### **California State University Stanislaus**

B.S. Mathematics | Minor in Computer Science | December 2013