

# Schehrbano Khan

---

Fremont, CA |(408)908-9536| [schehrbanokhan@gmail.com](mailto:schehrbanokhan@gmail.com)| <https://github.com/schehrbanokhan>

## Summary

A **Data Analyst** who is a former Analytical Scientist and bio-engineer, currently looking for the next challenge. Currently completing a Business Analytics Specialization at Wharton. Highly experienced in **Python (Pandas, Matplotlib, Scikit Learn)**, **MySQL, HTML/CSS, Tableau and Excel/VBA**. A curious, inquisitive and fast learner who loves working with cross functional teams. Personal interest in **Business Intelligence and analytics** to drive growth.

## Experience

### **DATA ANALYST | UC BERKELEY DATA ANALYTICS & VISUALIZATION BOOTCAMP | 2018 TO PRESENT**

- Analyzed 4000 Kickstarter campaigns to generate insights on market trends
- Performed analysis on customer purchases during Black Friday to generate business insights
- Analyzed Air safety trends from 1913 to 2009 and created visualizations in Tableau
- Performed SQL analysis on company performance datasets to generate ideas to address client needs
- Successfully built and trained a Convolutional Neural Network to recognize human emotion
- Built a web scraper using Python, MongoDB, HTML and CSS to get the latest news on the NASA Mars Mission

### **MANUFACTURING AND MARKETING ANALYST | PROTEINSIMPLE | 2015 TO 2017**

In this role, I was focused on the quality of scientific instruments being delivered to customers, using data analysis & visualization to make sure that the instruments behaved within parameters. The insights that I provided helped the team to reduce customer returns by 85% in a single quarter.

- Analyzing each instrument prior to delivery to ensure optimal **product quality**
- Translated Business processes into performance metrics and performed root cause analysis
- Helped marketing team define and monitor sales data using dashboards created in Tableau
- Identified quality issues in the product pipeline and developed methods to monitor and resolve issues
- Presented data and key metrics to upper management to help resolve quality issues
- Led a team of four to collect **Customer complaint data** and help analyze it to improve instrument quality

### **SCIENTIST/ BIO-ENGINEER II | TRIPLE RING TECHNOLOGIES | 2017 TO 2019**

In this role I worked on a number of projects for different clients of the company. I designed and ran experiments, collected data and interpreted it through mathematical models, to communicate results

For a project to understand the effect of gut bacteria on human digestion:

- Interpreted particle concentration data using **Excel**

For a project to build a Marijuana Breathalyzer:

- Analyzed data and created a repository of test subjects over time
- Reverse engineered a legacy device to understand how future iterations of the product could have a better UI and could therefore be marketed better with an improved User experience

## Education

### **BUSINESS ANALYTICS SPECIALIZATION | 2019 TO PRESENT | WHARTON SCHOOL, U. PENN**

• Courses: Customer Analytics, Operations Analytics, People Analytics, Accounting Analytics

### **B.S. MOLECULAR BIOLOGY | MAY 2014 | SAN JOSE STATE UNIVERSITY**

• Minor: Chemistry & Photography