

# NEEL SREJAN

Phone: (408)-791-9271 | Email: [neelsrejan@gmail.com](mailto:neelsrejan@gmail.com)  
Website: <https://neelsrejan.github.io/neelsrejan-github.io/>  
LinkedIn: <https://www.linkedin.com/in/neelsrejan/>  
GitHub: <https://github.com/neelsrejan>  
Address: Milpitas, CA 95035

## Objective

College graduate fascinated by the ability to analyze data through Python, SQL, Excel, and Tableau. Determined to get a job as a Junior Data Analyst to adeptly utilize data and uncover statistically significant insights to further the company's vision.

## Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, Data Structures)
- Tableau
- Excel (VLOOKUP, Pivot Tables, Conditional formatting)
- Web Scraping (Selenium, BeautifulSoup)

## Projects

### YOUTUBE ANALYTICS - November 05, 2021 – Present

Extract and analyze data YouTube data from a user's YouTube channel to construct a personalized dashboard of relevant data visualizations.

- Created a python program to gather all data from YouTube's Data, Analytics, and Reporting API by user defined parameters and organized 611,518 rows of json data into dataframes using pandas and numpy.
- Prepared csv/excel files through T-SQL queries on relevant data to clean and fashion an interactive dashboard for clientele.
- Increased subscriber count by 29% (101), viewership by 26% (6,300), and average view percentage by 40% (37.6%) over 2 months in the channel's 15-month history.

### GOOGLE DATA ANALYTICS BELLABEAT ANALYSIS - August 2021

Uncover patterns in Fitbit data to shape direction of development of Bellabeat app features.

- Processed 8.1+ million rows of data using T-SQL queries to partition data on core features.
- Evaluated correlations between features using linear regression.
- Proposed 8 features to add to the Bellabeat app to facilitate increase Bellabeat product usage and user activity.

### COVID VACCINE FINDER – March 2021

Resolved functionality issue to previously named vaccinefinder.org to find COVID vaccinations.

Functionality: User inputs zip code and distance to search around zip code. A list of 50 locations and providers are returned.

Issue: The returned list only returns the closest 50 locations and providers, of which, all can have no availability and other locations outside of the 50 closest are not returned although they may have vaccine availability.

- Collected a list of all zip codes within user defined range of miles, gathered demographic information for each zip code, and extracted all possible locations with available vaccines through Selenium.
- Discovered 223 additional locations and providers that had covid vaccination availability within 50 miles of the input zip code.

## Education

### UNIVERSITY OF CALIFORNIA SAN DIEGO – Bachelor of Science - 2015-2020

- Major: Biology with specialization in Bioinformatics | Minor: Cognitive Science

### RELEVANT COURSES - 2018-2020

Bioinformatics Databases  
Bioinformatics Algorithms  
Bioinformatics in Practice

Data Science in Practice  
Advanced Data Structures and Algorithms  
Academic Papers

### GOOGLE DATA ANALYTICS CERTIFICATE – Data Analyst Student – August 2021

## Leadership

### ZOR – Bollywood dance team captain - 2016-2018

- Directed and choreographed the creation of a winning performance through 28-hour practice weeks through planned practices with delegation of duties to 4 other captains and oversaw teaching to 20 members.
- Designed a \$3,000 set's background for a national level performance through a collaborated effort among 4 captains.