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# IQBAL SANDHU

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## PROFESSIONAL SUMMARY

An analyst with years of experience at Apple searching for a unique data science position. Student of leadership, training, and data. Past successes with managing multiple projects have instilled a relentless work ethic and unassailable optimism. An eye for detail and organization results in a drive for taking action and improving existing systems without having to wait for a directive.

## TECHNICAL SKILLS:

Languages: Python, Javascript, R, SQL, noSQL, HTML, CSS, VBA | Databases: MySQL, MongoDB, SQLite | Tools: Tableau, Pandas, Flask, SQLAlchemy, Matplotlib, D3, Web Scraping, Excel VBA, Git, Command Line

## PROJECTS:

### Data Journalism Visualization

- Analyzed the correlation between economic and health factors with a scatter plot built in D3.js
- [http://smartsingh.github.io/data\\_journalism](http://smartsingh.github.io/data_journalism)

### Belly Button Biodiversity Dashboard

- Designed an API to pull data from a SQLite file using Pandas, Python, and Flask.
- Utilized Plotly.js, HTML, and Heroku to build a dashboard with interactive charts.
- <https://aqueous-temple-11186.herokuapp.com/>

### Mission to Mars Web Scraper

- Built in Python, HTML, and CSS to find and display the latest Mars news and data
- Used Beautiful Soup and Splinter to scrape data and Bootstrap.
- [http://github.com/smartsingh/mars\\_scraper](http://github.com/smartsingh/mars_scraper)

### Sakila SQL Queries

- SQL queries written to filter, combine, data, and draw conclusions about a fictional video rental store.
- [http://github.com/smartsingh/Business\\_Queries](http://github.com/smartsingh/Business_Queries)

## EXPERIENCE

**Pro**, 2008 – Current | **Apple**, NJ

Trained and guided employees to deliver on company priorities. Compiled relevant data and statistics to highlight areas of strength and opportunity. Researched and shared knowledge to drive customer experience in an educational and meaningful way.

### KEY ACHIEVEMENTS:

- Built dashboards and visualizations using Python and Excel VBA to communicate insights and successes with team, leading to a 400% increase in Apple Pay usage and New England region best score.
- Ran daily huddles to prepare store team for daily operations and focus teams on priorities resulting in customer satisfaction scores of between 70-80 during peak Holiday periods.
- Recognized by Store Leader and Market Leader for achieving a 95.28% completion rating for eight formal trainings spanning 8 months for 120+ individuals.

## EDUCATION

**Rutgers, the State University of New Jersey, New Brunswick, NJ**

Rutgers Data Science Boot Camp - July 2018 - Feb 2019

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data and Machine Learning.

**Rutgers, the State University of New Jersey, Newark, NJ**

BA Finance - 2011