

# John Doe

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## Education

### Bachelor of Business Analytics

*College 1*

### Master of Applied Business Analytics

*College 2*

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## Personal Projects

- (Python) Created a program to pull data from Yahoo Finance and calculate financial ratios and valuation models for any given stock.
- (Python) Created a program to run a statistical market basket analysis to determine item pairs that can be used for improving a company's cross selling efforts.
- (Python) Created a custom script to web scrape locations for NFL stadiums and converting their addresses to coordinates for a company

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## Skills

- Python (Experience with: matplotlib, pandas, NumPy, SciKit Learn)
- Machine Learning w/ Python (Random Forest, Decision Trees, Gradient Boosted Trees)
- Basic Full Stack Developer Skills (Django, HTML-5, Bootstrap, TailWind CSS)
- Advanced SQL (Experience with: Creating Databases, Sub Queries, Joining Data from Multiple Sources)
- Advanced Experience w/ Visualization Platforms (Power BI, Looker, Tableau, Hex)

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## Work Experience

### Senior Data Analyst

*Real Estate Company*

**Feb 2021 – Current**

*Remote*

- Developed a new collections DataMart to allow us to automate and ensure the quality of our financial reports which are used for financial securitizations.
- Created a web application which utilized smart home data to generate alerts for homes which may have a trespasser. This report was able to lead to the identification and removal of 50+ squatters a month which led to an estimated savings of \$5m per year in lost rent and damages.
- .Lead the Business Intelligence team in standing up our data catalog so that we can better document and improve the accuracy of the measurements used by the company.

**Senior Data Analyst / Data Engineer Consultant****Jan 2021 – Current***Analytics Agency**Remote*

- Worked regularly with all different types of companies working in different industries. Helped create dashboards and custom statistical analysis to fit their specific needs.
- Created a relational Database for a client in SQL Server and utilized a python script to load this table with historical data from their source systems API.
- Developed an Anova model to determine whether or not allowing smoking was statistically significant to the daily income generated by a specific client's company.

**Data Analyst II****Jan 2021 – Feb 2022***Retail Company**Remote*

- Drove down the cost of our main competitive intelligence contract (which I managed) by over 10% in a single fiscal year by optimizing our contract and increasingly leveraging technology over manual data collection.
- Created complex SQL queries to automate data for our dashboards and for our business users. (Joining multiple tables, subqueries, CTEs etc.)
- Created key processes for evaluating data accuracy and integrity coming from internal data collection and from our vendors.

**Insight Analyst****Jun 2020 – Jan 2021***CPG Company**City, State*

- Automated reporting and data gathering processes by helping implement Power BI dataflows and leveraging scheduled & incremental refreshes.
- Helped migrate entire report portfolio from Microsoft Excel to Microsoft Power BI to allow our team to leverage the technologies available through Power BI.
- Helped pave the way for the company to leverage new technologies and programs to allow for automated reporting which allowed us to keep our data updated more often.

**Data and Reporting Team Lead****July 2017 – Jun 2020***College 1**Remote*

- Lead a team of 2-3 analysts that provide reporting to executive leadership.
- Hire, train and provide feedback to team members
- Created SOPs for a brand-new reporting team in the IT department.
- Developed an analytical protocol for IT incident data to lead process improvement efforts focused on ticket classification, escalation processes and ticket backlog resolution. This resulted in a decrease in misrouted tickets which greatly decreased average ticket resolution.
- Created reports and dashboards using the ticketing system, Excel and Power BI to identify needed improvements, suggest changes to stakeholders and deliver presentations to university leadership.