

# KEANU GOMES

Detail-oriented data analyst with a knack for pattern recognition and a background in field service management, computer numerical control machine operations, and audio engineering. Proficient in Excel, SQL, Tableau, Python, and Machine Learning, passionate about applying data ethics to enhance customer experiences, drive business outcomes, optimize government facilities, and strengthen cybersecurity. Eager to join a team valuing critical-analytical thinking, collaboration, innovation, and social responsibility within the govtech industry.

View my portfolio - [Keanu Gomes | Student Data Analyst Portfolio \(kgdatatech.github.io\)](#)

## Projects

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### YACHT & BOAT WEBSITE VIEWS ANALYSIS – Excel/Python/Tableau – Miami, FL

*Jan-Feb 2023*

- Preparing and analyzing open-source data from Kaggle.
- Utilizing machine learning with python to analyze boat listings by views on an online seller platform.
- Sourcing open-data, exploring relationships, geographical visualizations, supervised-unsupervised ML.
- Data visualization and storytelling, creating interactive dashboards. (Tableau)

### BANKING FINANCIAL SERVICES ANALYSIS – Excel/Python/PPT – Miami, FL

*Dec 2023*

- Predicting customer churn rate with a classification model. (decision tree)
- Skills in big data, data ethics, data mining, predictive analysis, time series analysis & forecasting.
- Presenting findings to stakeholders with visualizations and storytelling.

### INSTACART GROCERY BASKET ANALYSIS – Jupyter/Python – Miami, FL

*November 2023*

- Project directory follows industry standards in terms of structure and naming conventions.
- Analysis was conducted using Python and relevant libraries. (pandas, NumPy, os, matplotlib, scipy, and seaborn)
- Data ethics have been kept in mind when dealing with PII, especially regarding customer information.
- The final report includes evidence of analysis methodology, clear answers to the questions from the project brief, and recommendations for Instacart stakeholders.

### ROCKBUSTER STEALTH SUMMARY – SQL/Tableau – Miami, FL

*October 2023*

- Wrote moderately complex SQL queries such as JOINS, subqueries, and CTEs to answer business questions.
- Presented SQL results to business managers by creating visualizations and telling a compelling story.
- Presented SQL results to technical colleagues using Excel and by creating a data dictionary.

### PREPARING FOR US INFLUENZA SEASON – Excel/Tableau – Miami, FL

*Aug-Sep 2023*

- Preparing and analyzing data from stakeholders. (Microsoft excel)
- Data visualization and storytelling. (Tableau)
- Presenting findings to stakeholders. (Tableau)

## Skills

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### Python

**libraries:** pandas, NumPy, matplotlib, scipy, seaborn, sklearn.

**skills:** data-wrangling & subsetting, data consistency checks, combining and exporting data, deriving new variables, grouping & aggregation, visualizations, coding etiquette & excel reporting.

### Tableau

**skills:** data preparation & analysis, interactive dashboards, mapping and geospatial analysis, temporal. forecasting, statistical visualizations, database integration, composition & comparison charts, data storytelling.

### Excel

**tools:** pivot tables, pivot charts, splicers, VLOOKUP, p-values, t-Tests.

**skills:** data cleaning, integration, analysis, descriptive statistics, hypothesis testing, presenting the data.

## AI Chat

**skills:** Implementing data ethics practices in AI Chat, (CoPilot, GPT-4.)

## SQL

**software:** PostgreSQL

**skills:** CRUD, relational databases, filtering, summarizing & cleaning data, table joins, subqueries, CTEs, query planning, data migration (ETL), data security.

## Machine Learning

**tools:** anaconda, jupyter notebook, python.

**skills:** supervised ML, unsupervised ML, linear regression, gradient descent, kmeans, clustering, KNN, decision trees, ANN, random forests.

## Work Experience

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**FIELD SERVICE MANAGER** – FloridaTours.com – Miami-Fort Lauderdale

*Oct 2022 - Jun 2023*

- Utilized Microsoft Excel to track and report details of bus driver schedules, routes, & arrival times, analyzing data to identify areas for improvement & optimize operations for the company, drivers, and guests aboard.
- Managed & coordinated guest services for a transportation company, overseeing onsite operations, ensuring exceptional customer experiences & satisfaction.
- Successfully supervised & coordinated a team of bus drivers, assigning routes; maintaining regular communication to ensure efficient travel and timely arrivals.
- Proactively addressed any issues or concerns related to transportation services, resolving them promptly to maintain a smooth & enjoyable guest and driver experience.

**COMPUTER NUMERICAL CONTROL MACHINE OPERATOR** – Spurs Marine Manufacturing – Fort Lauderdale, FL *Oct 2017 - Feb 2019*

- Included setting up, inputting, and adjusting, machine parameters, to optimize production, efficiency, and ensure accurate processing for workloads.
- Document daily production data & submit accurate, timely logs to keep management up to date on activities.
- Maintained and ensured accurate-timely completion of logbooks & inspection reports.

## Education

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### **DATA ANALYTICS/MACHINE LEARNING WITH PYTHON**

*CareerFoundry | The Online Career Academy for Tech  
Berlin, Germany*

*June 2023 - June 2024  
12-month course*

### **CURRENTLY PURSUING**

*Bachelor of Science in Computer Science  
Western Governors University  
Online University*

*June 2024 - June 2026*