Bryan Ortiz

https://bryan-ortiz0.github.io/

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SKILLS

- **Programming Languages**: Python, SQL (BigQuery, SQLite, Oracle), R
- **Programming Frameworks**: pandas, numPy, matplotlib, seaborn, sklearn, Keras, Tensorflow
- **Data Visualization Tools**: Tableau, Excel
- **Others Skills**: Multicloud Aviatrix Associate, CompTIA A+, CompTIA Network+, CompTIA Security+

EXPERIENCE

- **General Assembly** — Remote
  Teaching Assistant - Data Science Immersive Bootcamp — *Nov 2023 - Present*
  - **Analytics Fluency**: Partnered with 2 other insturctors to deliver a 12-week comprehensive Data Science Immersive training program, covering the full Data Science toolkit, including Data Visualization, Python (Seaborn, Matplotlib, Panda), R, SQL, Tableau, and Machine Learning.
  - **Data-Driven Learner Assistance**: Provided personalized technical guidance to 10 students of varying skill levels, overseeing grading rubrics and assessments across key program milestones while assisting with hands-on projects.

- **L'Oreal** — Remote
  Instructional Assistant - Data Literacy Program — *Nov 2023 - Present*
  - **Foundational Analytics Concepts Training**: Assisted the lead instructor for L'Oreal's Data Literacy Program (200+ nontechnical participants), covering data democratization best practices, full data lifecycle phases like ETL and data modeling, and introducing data visualization tools like Tableau and PowerBI for transforming processed data into business insights.
  - **Program Collaboration & Leadership**: Collaborated with L'Oreal's team to ensure alignment of expectation for the program. Responsible for polls/trivia questions to keep participants engaged and answer questions, enabling the lead instructor to present smoothly.

- **Focus On Community Uplifting, Self-Esteem & Success (FOCUSS)** — Des Moines, Iowa
  Python Curriculum Developer & Instructor — *Oct 2023 - Present*
  - **Specialied Coding Content Engineering**: Leading the creation of a comprehensive Python coding curriculum for high school students within the FOCUSS group.
  - **Inclusive Instructional Techniques**: Foster student learning and engagement through hands-on coding exercises and projects in Jupyter notebooks/integrated development environments (IDEs) like VSCode, while leveraling bilingual fluency in Spanish and English to build interpersonal connections with broader range of students across language barriers, ensuring a dynamic and interactive learning experience.

- **General Assembly** — Remote
  Data Science Fellow — 480+ hours — *May 2023 - Aug 2023*
  - **Collaboration & Exploratory Analysis**: Completed intensive 12-week program, collaborating on exploratory analysis of datasets using statistical techniques and data cleaning principles in Python.
  - **Pattern Recognition & Data Visualization**: Developed expertise in pattern recognition and data visualization, applying techniques like matplotlib, seaborn, and tableau dashboards.
  - **Go Bot — https://github.com/bryan-ortiz0/go_bot**: Engineered a Go-playing bot utilizing Convolutional Neural Networks (CNN) to understand intricate dynamics in the ancient game of Go, showcasing remarkable accuracy with a CNN-based approach reaching 15% (baselined: .028%).
  - **Ames Housing Price Prediction — https://github.com/bryan-ortiz0/ames_housing_analysis**: Employed linear regression techniques in Jupyter notebook to analyze Ames, IA housing data from CSV files, achieving an 89% percent accuracy in predicting sales prices for upcoming listings.

EDUCATION

- **University of Iowa** — Iowa City, Iowa
  B.Science in Neuroscience; — *Aug 2015 - May 2019*