Honolulu, HI | kevindieprk0@gmail.com | LinkedIn | Portfolio | Tableau

Skills

Proficient:	Familiar with:
Python, Excel, Tableau	Command Line, R, SQL, Matlab, Machine Learning, BigQuery, LaTeX

Work Experience

Data Engineer Intern - W.M Keck Observatory HQ   June 2021 - July 2021
- Developed a prototype Python script to automate the ETL process for 100+ astronomical image data files
- Generated data visuals comparing 1000+ measured and calculated values, detecting presence of bias within calculations
- Presented final product to an audience of 50+ including Keck staff and Akamai key figures

Learning Assistant - University of Hawaii Math Department   August 2018 - Dec 2019
- Oversaw 200+ business student academic progress, providing feedback for improvement
- Bridged understanding between business and mathematical concepts with relatable storytelling

Personal Project

Google Data Analytics Final Project: Identifying Trends in Popular Anime
- Investigated datascraped MyAnimeList data to identify trends in popular anime for a fictitious streaming service
- Defined metrics for anime popularity, cleaned and standardized data, detected anomalies within data, explained underlying cause of trends and displayed them using matplotlib visualizations
- Provided 5 insights on anime's popularity including a list of recommended genres, producers and studios with a history of quality anime.

Personal TFT Profile Dashboard
- Build a Tableau Dashboard displaying personal player data over a 3 month period
- Extracted match history data using Riot API, performed data wrangling on complex features with Python and prepared for Tableau usage

Undergraduate Senior Project: Modeling Galaxy Merger
- Read and comprehend 10+ high level professional research paper and incorporate their findings into a paper that satisfies criteria set by research paper publishers
- Utilize Python to perform image manipulation on 30+ astronomical images
- Provide 2 week update on project progress to peers and incorporate their suggestion for improvement

Education

University of Hawaii at Manoa   **Honolulu, HI 96822**
Bachelor of Science in Astrophysics & Mathematics   *August 2017 - May 2021*

Google Data Analytics Professional Certificate(Coursera)   *June 2023*