Hi Dr. Dickens,

I hope you are having a good Monday. I've chatted with my friend and looked into potential datasets for the DCPS Bootcamp. Here's are some of my findings:

Astronauts dataset: [https://www.kaggle.com/nasa/astronaut-yearbook](https://urldefense.com/v3/__https:/www.kaggle.com/nasa/astronaut-yearbook__;!!IaT_gp1N!gAikFh8zw0Sh7BcPtk88L22WCAyz9ihgYerN6YXZclNYYqK1QGBGzYBRRygtoSNwOV4$)

This dataset would be good for analyzing categorical data, including data on all astronauts from 1959 to the present. Some variables would include year, status (binary of active/retired), birth date, gender and undergraduate major. This dataset would not be good for topics like regression, but could be helpful when talking about categorical variables.

Sea Level dataset: [https://climate.nasa.gov/vital-signs/sea-level/](https://urldefense.com/v3/__https:/climate.nasa.gov/vital-signs/sea-level/__;!!IaT_gp1N!gAikFh8zw0Sh7BcPtk88L22WCAyz9ihgYerN6YXZclNYYqK1QGBGzYBRRygtlovpBRA$)

This dataset may not seem NASA/astronomy related, but it actually comes from NASA's Global Climate Change division. This data would be better for quantitative analysis, and includes more easy-to-understand variables such as sea height.

Global Temperature Anomalies Time Series dataset: [https://datahub.io/JohnSnowLabs/nasa-global-temperature-anomalies-time-series-1880-2017](https://urldefense.com/v3/__https:/datahub.io/JohnSnowLabs/nasa-global-temperature-anomalies-time-series-1880-2017__;!!IaT_gp1N!gAikFh8zw0Sh7BcPtk88L22WCAyz9ihgYerN6YXZclNYYqK1QGBGzYBRRygt_s3XykQ$)

Similar to the Sea Level dataset above in terms of use for quantitative analysis. The variables, such as monthly temperature averages, are a bit harder to interpret, but the descriptions below on the link provide explanations that would be easy to relay in the lessons.

It is a bit harder than I expected to find astronomy-related datasets that would also be suitable for an introduction to statistical coding. Most online are much more complex and are intended for astronomists or coding enthusiasts. However, I think the three above have good potential for multiple sorts of lessons. Let me know what you think once you are able to take a look through them. Thank you!

Best,

Jacob

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Jacob Henkels (he/him)

American University, Master of Data Science 2021

Junior Associate, Penn Quarter Partners

Research Assistant, [The Lab @ DC](https://urldefense.com/v3/__https:/thelab.dc.gov/__;!!IaT_gp1N!gAikFh8zw0Sh7BcPtk88L22WCAyz9ihgYerN6YXZclNYYqK1QGBGzYBRRygtrRsSr6c$)

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216-390-1572 | [jwhenkels@gmail.com](mailto:jwhenkels@gmail.com)

Links for additional Nasa Related Data Sets (James Dickens)

<https://nssdc.gsfc.nasa.gov/planetary/factsheet/> (Profile Data of Planets)

<https://data.world/nasa/nasa-facilities> (Tabular Data on Nasa facilities)