Week 1: Tuesday

Syllabus Day

Dr. Michalewicz

- History Professor

- Dallas Cowboys Fan

- Kids Soccer Coach

- Manchester City Fan

- My Work with Python

- Large data sets of diplomatic letters.

- Geospatial Mapping.

- Text Analysis and Machine Learning.

- Worked on multiple Apps: Walk PgH, World Historical Gazetteer

What is Python?

- General Purpose Language

- High-level language (easier for you)

- Interpreted (no compiling/building)

Why are we using Python for this class?

- Python vs R

- Python is more versatile

- Python is dominating the data science world because of AI and Machine learning.

- Learn once, Write anything

How will this class work: Programming?

- IDEs (Integrated Development Environment)
    - Jupyter Notebooks
    - VS Code
    - Google Colab (My recommendation)