

# Python IV - Lesson 18

Date: Oct 16, 2022

# Agenda

- ▶ Google Colab
- ▶ Pandas



# Proverbs 10:11

- ▶ “The mouth of the righteous is a fountain of life, but the mouth of the wicked conceals violence.”
  - ▶ A good man's words and actions tend to spiritual health.
  - ▶ A bad man's words bring down sorrow and punishment.

# Terms you need to know

***DataFrames*** — series of columns and rows

***Series*** — 1-dimensional arrays and efficient methods for handling them.

***Data Wrangling*** — steps required to prepare the data so that it can actually be consumed for extracting insights and model building.

# Homework

<https://colab.research.google.com/drive/1cuYFLSNm6FXncM9zRsYVqNI18QTDivjL#scrollTo=MXell7ISmqkm>

# Let's learn Pandas by creating a new .ipynb file

- Series
  - From Lists
  - From Dictionaries
- DataFrame
  - From a Series Object
  - From a Dictionary
  - From a File
- Data Frame Operations

***Data Source:***

**<https://www.kaggle.com/datasets/PromptCloudHQ/imdb-data>**