Project #2 Report

Extract:

* Downloaded the two datasets as csv files
* Uploaded the csv files to jupyter notebook using pandas in python

Transform:

* Dropped unnecessary columns from both datasets
* Dropped unnecessary rows from both datasets and focused on dates 03/26/2021 – 03/25/2022
* Converted date column on the bitcoin dataset from string to datetime
* Renamed columns so they matched between the two datasets
* Added columns for blockchain symbols for bitcoin and dogecoin
* Merged datasets
* Set date as index
* Converted all string values to float values

Load:

* We chose to load the data through a relational dbase (SQL) considering that the data we were working with was structured and static
* Imported psycopg2 module using conda installation
* Connected to a local database using the command “create engine”
* Used pandas to load csv converted DataFrame into the database
* Set the primary key to date