

Tasks:

1. Go to the following URL - <https://www.kaggle.com/mczielinski/bitcoin-historical-data>
 - a. Read contents
 - b. Download the data (bitstampUSD_1-min_data_2012-01-01_to_2019-08-12.csv)
2. Write scripts to load the data to a Database table (PostgreSQL preferred)
3. Write ETL scripts to load transform data to a separate database (Warehouse). ETL jobs should have at least these features:
 - a. Job Scheduler
 - b. Retry at failures
 - c. Email at failures
 - d. Back population
4. Do exploratory analysis and find as many insights as you can (visualizations strongly preferred)
5. The warehouse should be transformed in such a way that, at least the following questions should be answered:
 - a. Daily/Monthly/Yearly transaction reports
 - b. predicting/Forecasting Pricing, Number of Transactions, etc.
6. Propose and Implement a solution for real-time anomaly detection or suspicious pricing alerts. (Will get extra points for completing this task)
7. If you have to set up a Business Intelligence solution from scratch, then what would be your preferred technology stacks? Also, share your architectural vision for the BI pipeline.