Technical Challenge for the GO Data Engineering position

1. Write a python selenium code that will extract the top 50 bestseller products(data fields - title, price, ratings) by the department(top 50) from [amazon.com](https://www.amazon.com/gp/bestsellers/?ref_=nav_cs_bestsellers_8a080d3d7b55497ea1bdd97b7cff8b7b). Finally, create a GitHub repository and share a python code file that includes function, logging, test cases, exception handling. ReadMe Page with the use case and thoughts on scaling(multi-processing). Share Python Code and Usage on GitHub.
2. Steps to deploy and run code developed in question 1 on AWS lambda.
3. Use the data set provided (data.csv) to create a PostgreSQL Server and Write SQL a select query to extract the top 20 % of the most weekly sales Dept by Store for the year 2012? Sample file attached.
4. In your own words describe a process needed to transfer data from one DB server schema to another provided rows will extracted by date column and the insertion would be based on muticolumn primary key following update record if exist else insert.

\*\*Save your SQL snippets on a GitHub repo and we will go over them during the call.

Good Luck

Go IT and Engineering Team