Task 3: Airflow

1. Create an airflow job to read data from BigQuery for last hour and store it into new BQ table and GCS bucket.™
2. Airflow job should be running hourly.
3. You have to create a query to get data from BQ table for last hour and calculate new column base on the data. Query should be put into af\_task\_query.sql file.
4. Source table for the job should be Dataflow output table (deployed by Task 2 terraform).
5. GCS file format should be NEW\_LINE\_DELIMITED\_JSON.
6. Output BQ table and GCS bucket should be deployed by terraform.
7. To finish this task you should deploy composer in your GCP project. Composer could be deployed manually from GCP console (without terraform).
8. All related code should be merged to own Git repository.
9. Every deployment should be done in one GCP project under own GCP account.
10. Python and yaml code examples for Airflow job you can find in task-af folder.

Useful links:  
<https://airflow.apache.org/docs/apache-airflow/1.10.1/scheduler.html>