

# ANALYTICS SYSTEMS ENGINEERING

## ASSIGNMENT 2

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### Objective

Get an understanding of Graph databases, Elasticsearch & APIs

### Submissions

- All project artifacts including README.txt & code.

### Question 1: {20 points}

- Using Postman, create a collection with 4 APIs that refers to the dataset loaded onto S3 as part of assignment 1 or any other dataset

### Question 2: {40 points}

- Upload the dataset from S3 into Elasticsearch and provide 4 queries. You are welcome to use other dataset as well.

Reference:

- <https://towardsdatascience.com/getting-started-with-elasticsearch-in-python-c3598e718380>

### Question 3: {40 points}

- Provide 4 Cypher queries/insights based on the panama dataset loaded as part of Exercise 4.