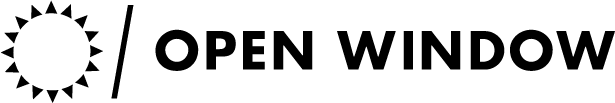
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***THE SCHOOL OF***

**CREATIVE TECHNOLOGIES**

***DV200: API Research Report***

**Shanré Scheepers| 21100387**

In this report I have listed 5 free public REST api’s that intrigued me and may possibly lead to a more in depth research path.

**API Option One: The Bored API**

**Description of API:**

The Bored API helps you find things to do when you are bored, some even dev related.

**Outline of Dataset Characteristics:**

Activity types, number of participants, activity type.

**Outline of Comparative Data:**

Compare the activity types with one another/ other instances.

**Outline of Timeline Data:**

The number of times the API was accessed, and used, and activity types acted on.

**API Option Two: Astros ISS API/SpaceX**

**Description of API:**

This API returns the current number of people in space, their names and spacecrafts they’re on.

**Outline of Dataset Characteristics:**

Message being successful, number of people in space, people, name and craft

**Outline of Comparative Data:**

Message success vs failures and how many people are currently in space compared to.

**Outline of Timeline Data:**

Timeline of months and people sent to space.

**API Option Three: ISS Now/ Where The ISS At?**

**Description of API:**

This API allows current, past, or future positions of the ISS, get timezone information about a set of coordinates, and also get TLE data on the ISS.

**Outline of Dataset Characteristics:**

Name, ID, longitude, latitude, visibility, units.

**Outline of Comparative Data:**

Solar latitude vs latitude, solar longitude vs longitude, velocity vs visibility vs units.

**Outline of Timeline Data:**

Timeline data portraying the velocity, the altitude, the visibility in either day or night time, and the timestamp.

**API Option Four : The Cocktail DB**

**Description of API:**

An open source database of drinks and cocktails from around the world.

**Outline of Dataset Characteristics:**

Ingredients, alcoholic vs non-alcoholic, cocktails from around the world, images, filter by glass, filter by alcoholic, search cocktail by name..

**Outline of Comparative Data:**

Alcoholic vs non-alcoholic drinks, filter by glass.

**Outline of Timeline Data:**

Non-alcoholic to alcoholic drinks, moving from least strong to the most strongest.

**API Option Five: The Meal DB**

**Description of API:**

The Meal DB is an open crowd source database of meals from around the world.

**Outline of Dataset Characteristics:**

Ful meals, meals by name, meal categories,Ingredients.

**Outline of Comparative Data:**

Full Meal Ingredients compared to other meal ingredients.

**Outline of Timeline Data:**

Different countries with different favorable ingredients, and those with the stats of favorable meals, a bar chart perhaps.

I’m still awaiting approval to my enquiry to Elephants Alive and EarthRanger to hear if I am granted permission to use earthranger’s API.