

Week 3

Ques 1	
Ans	

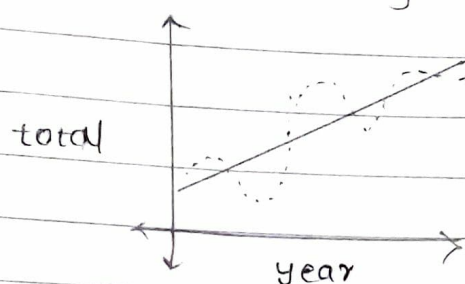
1. Seaborn is a Python visualization library that is built on top of matplotlib.
→ True

2. The following code

```
import seaborn as sns
```

```
ax = sns.regplot(x="year", y="total", data=data-df,  
                color="green")
```

Creates the following regression plot



→ False

3. A waffle chart is a great work way to visualize data in relation to a whole, or to highlight progress against a given threshold.

→ True

4. In python, creating a waffle chart is straightforward since we can easily create one using the scripting layer of matplotlib.

→ False

5. A word cloud is a depiction of the meaningful words in some textual data, where the more a specific word appears in the text, bigger and bolder it appears in the word cloud.

→ True

Quiz

1. Stamen Terrain, Stamen Toner, and open Stamen, and three tile styles of Folium maps.

→ False

2. Stamen Toner is the right tile style of Folium maps for visualizing and exploring river meanders and coastal zones of a given geographical area.

→ True

3. You cluster markers, superimposed onto a map in Folium, using a feature group object.

→ False

4. The following code will generate a map of Spain displaying its hill shading and natural vegetation.

```
folium.Map(location=[40.4637, -3.7492],  
            zoom_start=6, tiles='Stamen Terrain')
```

→ True

5. A choropleth map is a thematic map in which areas are shaded or patterned in proportion to the measurement of the statistical variable being displayed on the map.

→ True