

## **Total Points: 100**

### **Documentation [10]**

- **Code**
- **Report**

### **Instalation [5]**

```
git clone http://github.com/jpocom/macaco.git  
cd macaco  
pip install .
```

### **Creating a DataFrame [20]**

```
import macaco as mc
```

```
# Empty dataframe  
df = mc.DataFrame();
```

```
# From Numpy  
df = mc.
```

```
# From shapefiles  
gdf =
```

### **Create Indices [20]**

- For numerical columns [10]
- For geospatial data [20]

### **Queries [20]**

### **Performance [15]**

```
1st place: 15pts  
2do place 10pts  
3th place  5pts  
4th place  0pts
```

### **Visualization Capabilities [10]**

```
gdf.plot()
```