

```
In [1]: import requests as req
        from IPython.display import Image
```

# Get Structure

```
In [2]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getStructure"
        resp = req.get(url)
        print(resp.text)
```

Structure of Wuzzuf\_Jobs.csv

Index	Column Name	Column Type
0	Title	STRING
1	Company	STRING
2	Location	STRING
3	Type	STRING
4	Level	STRING
5	YearsExp	STRING
6	Country	STRING
7	Skills	STRING

# Get Summary

```
In [3]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getSummary"
        resp = req.get(url)
        print(resp.text.strip())
```

Wuzzuf\_Jobs.csv

Summary	Title	Company	Location	Type	Level
YearsExp	Country				
Skills					
Count	4380	4380	4380	4380	4380
4380	4380				
Unique	2965	1535	162	6	9
101	42				
4227					
Top	Accountant	Confidential	Cairo	Full Time	Experienced
1-3 Yrs of Exp	Cairo	Corporate Sales, Real Estate, Advertising, Marketing, Sales Skills, Insurance, Sales Target, Outdoor Sales, Telesales, Property			
Top Freq.	57	590	563	4168	2198
414	2230				
12					

# Get Jobs Per Company

```
In [4]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getJobsPerCompany"
        resp = req.get(url)
        print(resp.text)
```

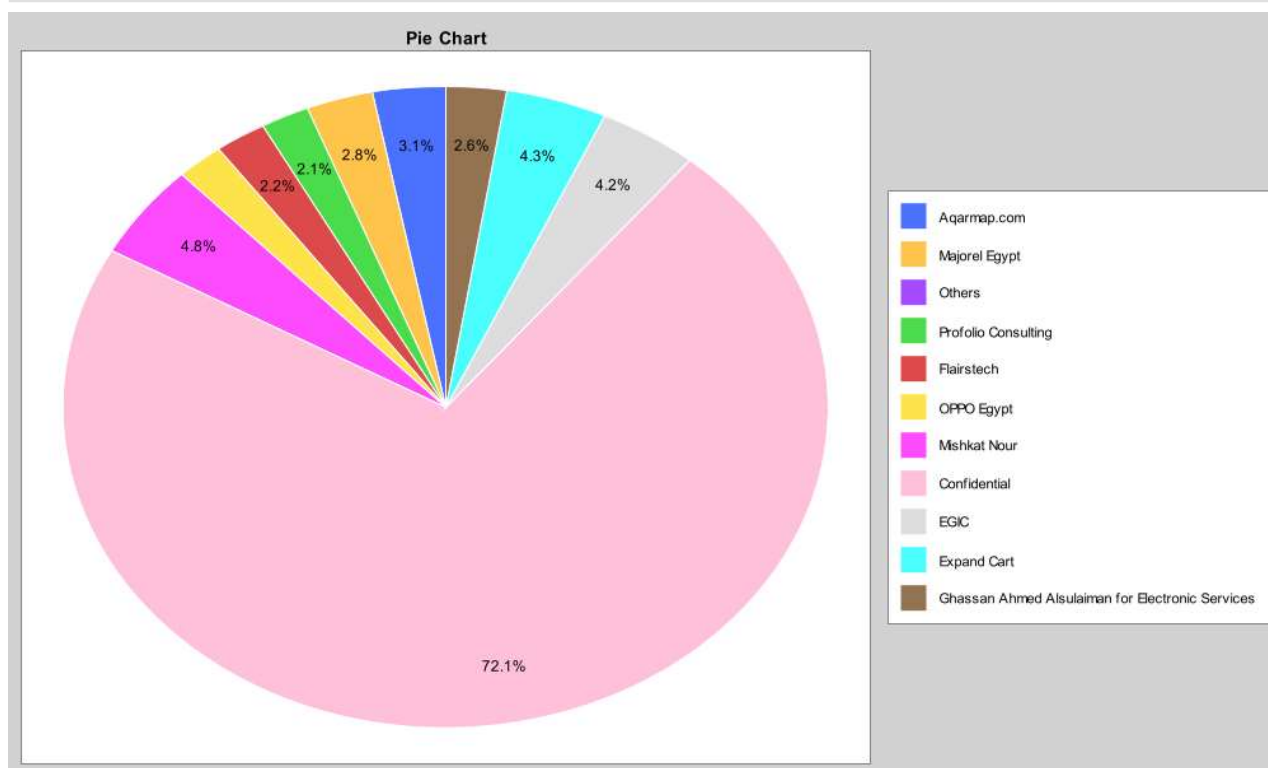
Column: Company	
Category	Count

Confidential	590
Mishkat Nour	39
Expand Cart	35
EGIC	34
Aqarmap.com	25
Majorel Egypt	23
Ghassan Ahmed Alsulaiman for Electronic Services	21
Flairstech	18
Profolio Consulting	17
OPPO Egypt	16

## Get Jobs Per Company PieChart

```
In [5]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getJobsPerCompanyPieChart"
resp = req.get(url)
s = str(resp.text)
s = s.replace("/", "", 1)
Image(filename=s)
```

Out[5]:



## Get Most Frequent Jobs

```
In [6]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getMostFrequentJobs"
resp = req.get(url)
print(resp.text)
```

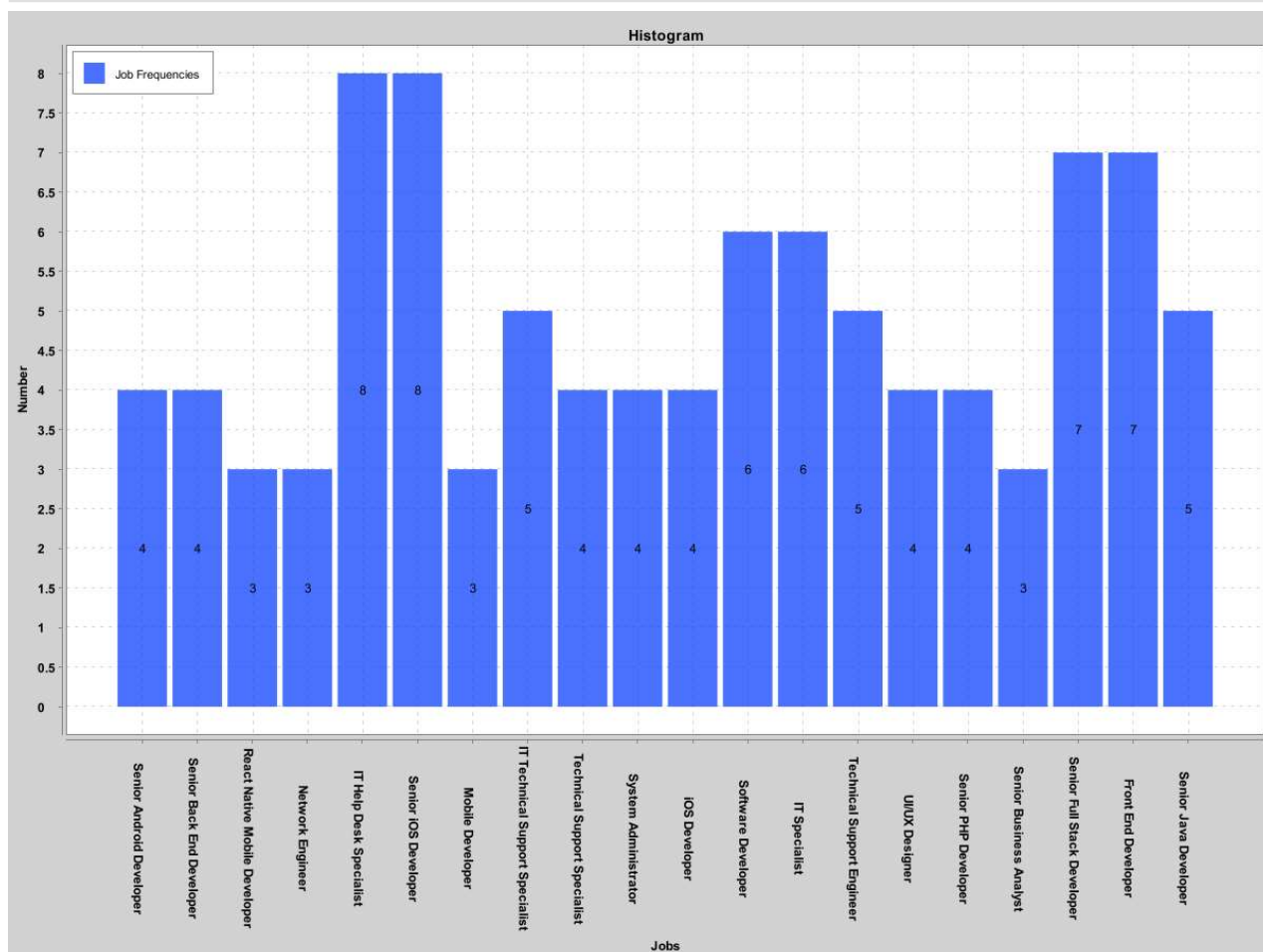
Column: Title	
Category	Count
iOS Developer	4
Technical Support Engineer	5
Senior Java Developer	5
IT Technical Support Specialist	5
Software Developer	6
IT Specialist	6

Front End Developer	7
Senior Full Stack Developer	7
IT Help Desk Specialist	8
Senior iOS Developer	8

## Get Most Popular IT Jobs BarChart

```
In [7]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getMostPopITJobsBarChart"
resp = req.get(url)
s = str(resp.text)
s = s.replace("/", "", 1)
Image(filename=s)
```

Out[7]:



## Get Most Popular Areas

```
In [8]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getMostPopularAreas"
resp = req.get(url)
print(resp.text)
```

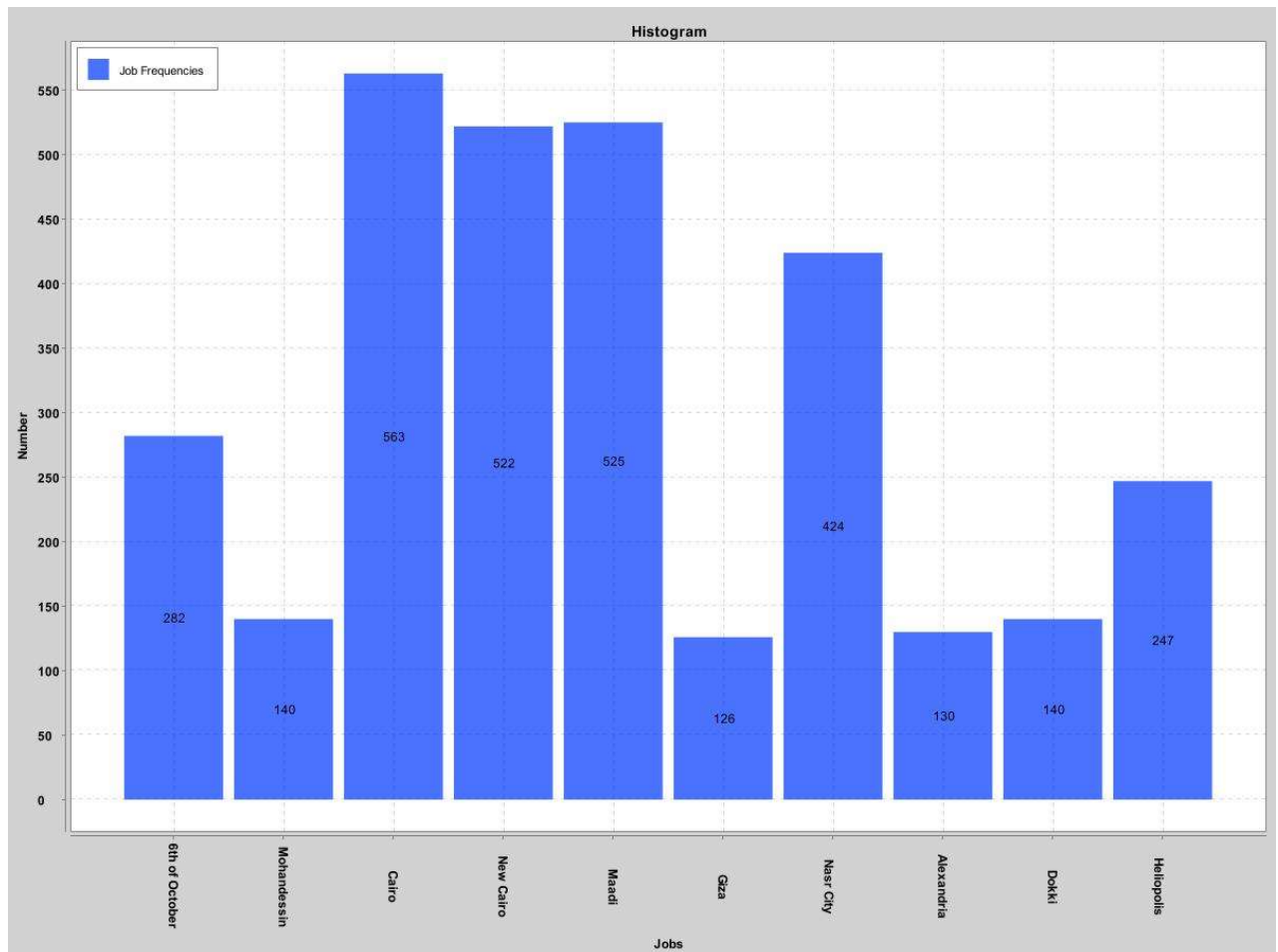
Column: Location	
Category	Count
Giza	126
Alexandria	130
Dokki	140
Mohandessin	140
Heliopolis	247
6th of October	282

Nasr City	424
New Cairo	522
Maadi	525
Cairo	563

## Get Most Popular Areas BarChart

```
In [9]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getMostPopularAreasBarChart"
resp = req.get(url)
s = str(resp.text)
s = s.replace("/", "", 1)
Image(filename=s)
```

Out[9]:



## Get Most Important Skill

```
In [10]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getMostImportantSkill"
resp = req.get(url)
print(resp.text)

English Repeated 1236
```

## Get Exp NumCol

```
In [11]: url="http://localhost:8080/demo4Cat_war_exploded/api/wuzzaf/getExpNumCol"
resp = req.get(url)
print(resp.text)
```

Column Added

In [ ]: