Table of contents:

[**Date: 28/08/2022**](#_jcl25z4sa3or) **1**

[**Date: Course**](#_6uo6f3t7oeo9) **Setup 1**

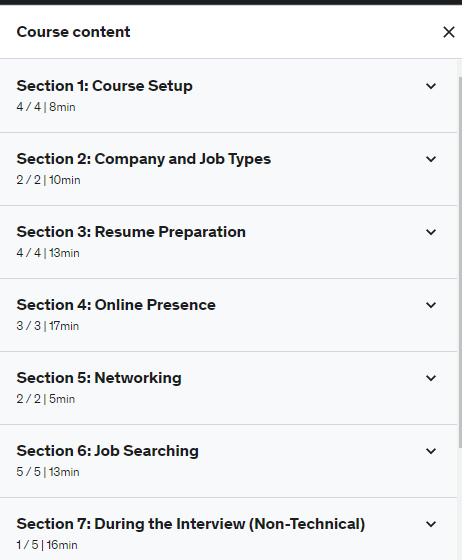
**NOTE 1:** If you are starting a new feature then create a new branch. If you are continuing with a feature then continue with the same branch. Commit the code,and data for your exercise in the branch.

NOTE 2: To update the above table of content, click on the table and select the circle option that appears on the left side

# 29/08/2022: Company and Job Types

Objective or learning goals of this exercise, or what your code/analysis does:

1. Company Types Overview
2. Job types overview



Link to Gitlab repo commit:

# 30/08/2022: Resume preparation

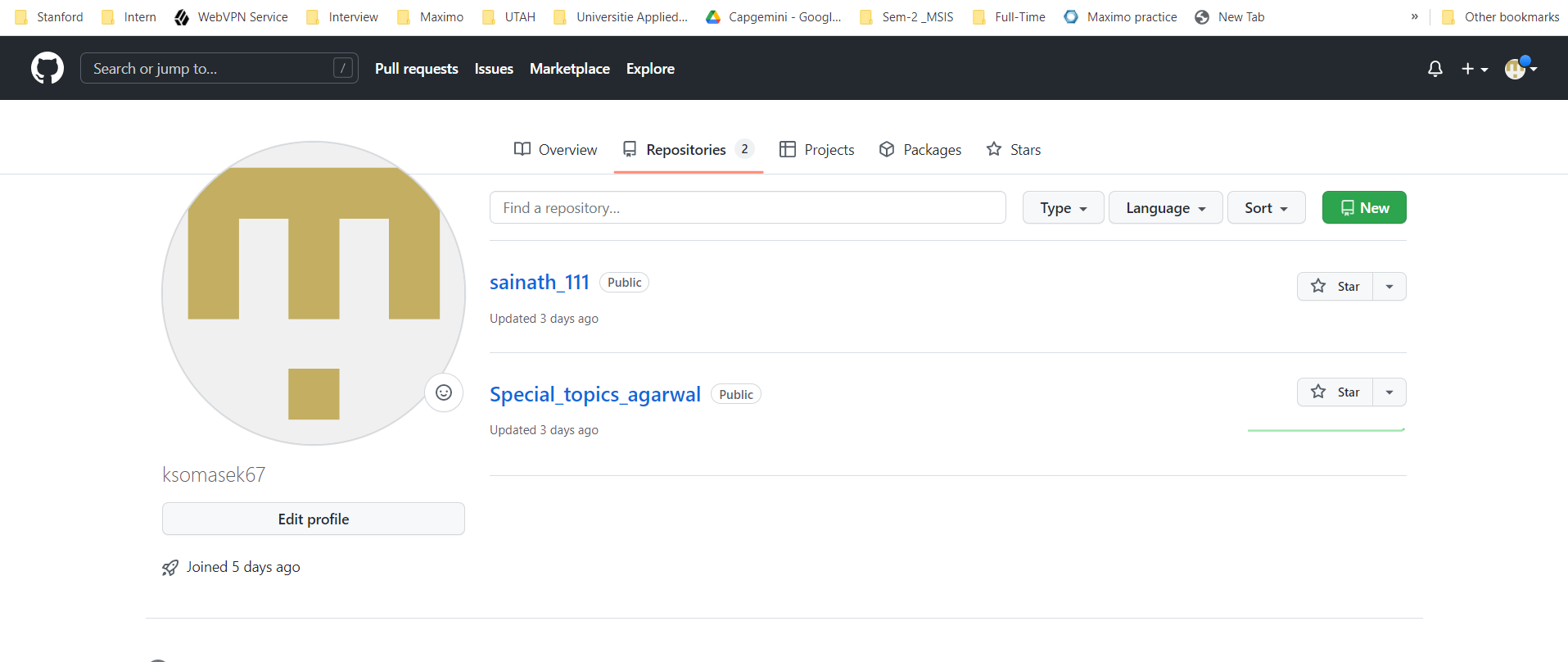
Objective or learning goals of this exercise, or what your code/analysis does:

1. Resume creation tools
2. List of creation websites
3. Resume checklist review

# 01/09/2022: Online Presence

Objective or learning goals of this exercise, or what your code/analysis does:

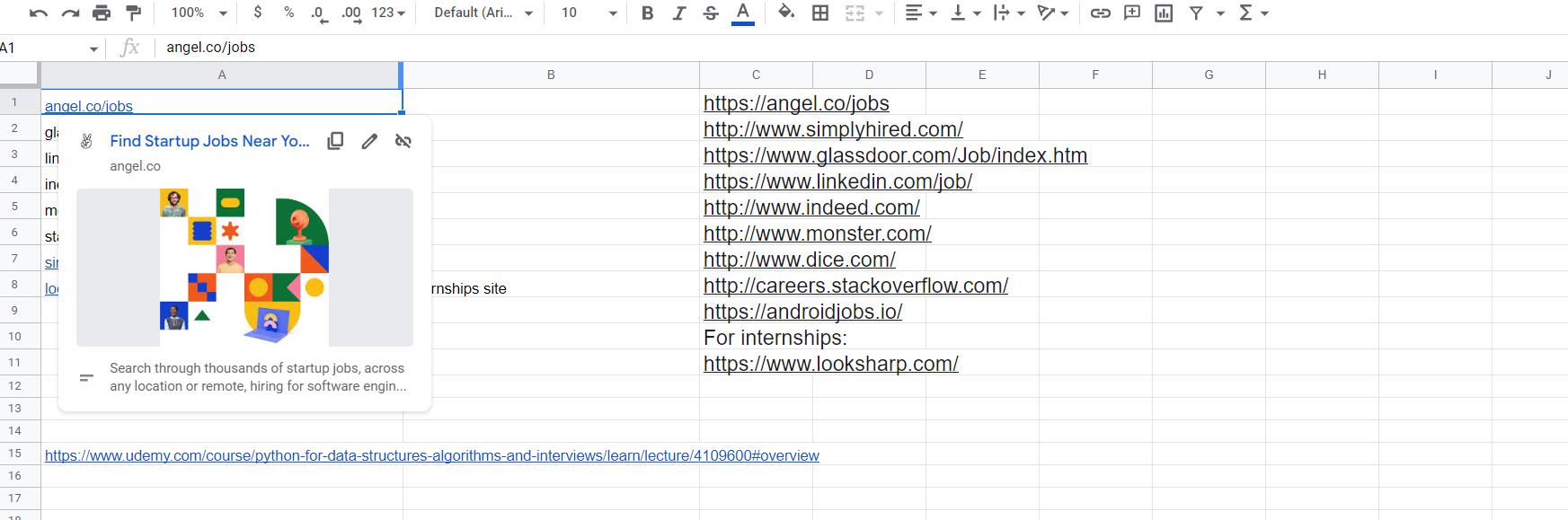
1. Linkedin
2. GITHUB
3. Personal Websites and portfolio

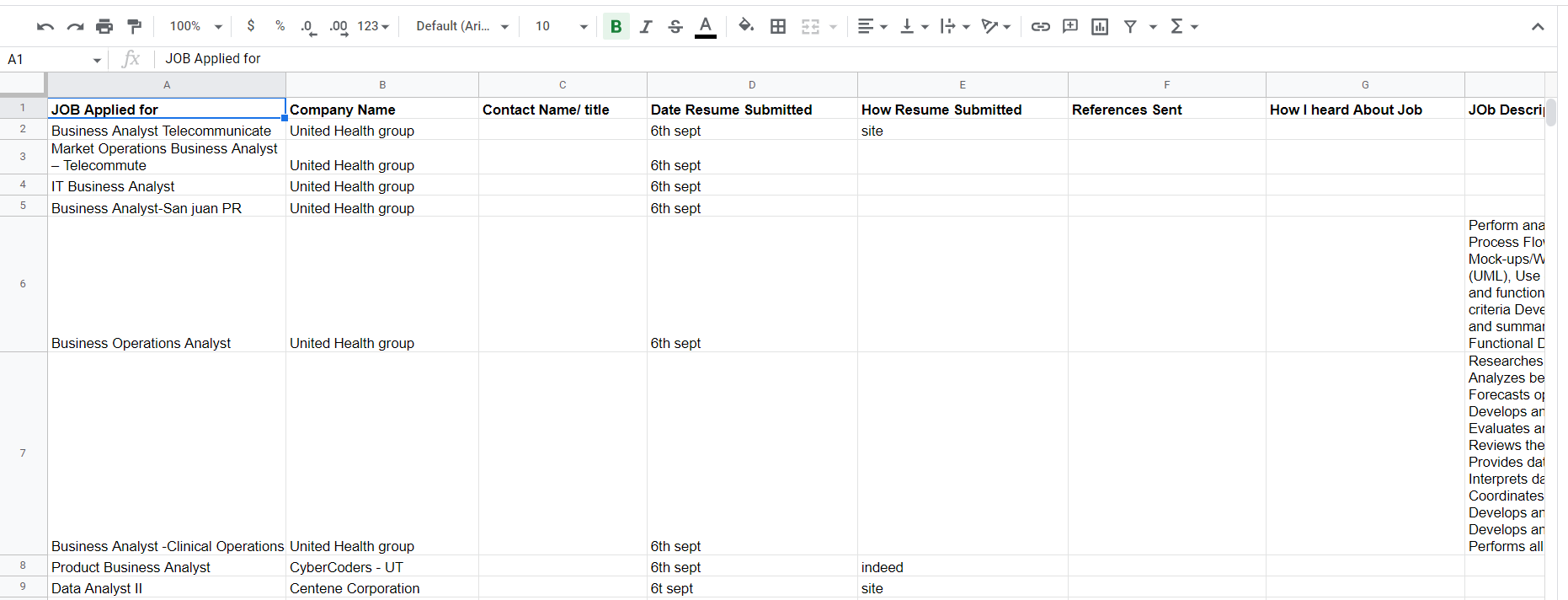


# 02/09/2022: Job Searching

Objective or learning goals of this exercise, or what your code/analysis does:

1. Organization of Job Search
2. Job Search Sites
3. List of Job boards and sites
4. Company matching sites





Link to Gitlab repo commit:

# 05/09/2022: During the Interview

# Overview of interview Section

* Steps of an Interview
* Tough Interview Questions
* Questions for students

**Interview**

Why are you leaving current position?

Higher studies

Why do you want this position?

I wan to achieve my goals, I believe with ABC company I will get a chance to put my knowledge and be a part of ABC’s growth.

Where do you see yourself in 5 years?

As a successful Senior Data Scientist

What is your greatest weakness?

Sometimes I feel frustrated when the work is not done. When I get failed to meet deadlines.

What do you know about your company?

My company is Top 10 MNC consulting company every year providing employment to more than 70000 a year. With revenue increase of 14.6%

What’s the most difficult situation you had to face at a Job?

Lack of support

What do you think makes a successful manager?

Good relationship with Team and addressing and appreciating the Team members for the work Done.

Why did you choose this Profession /major?

To become a Data Scientist, I hope Data Engineer and Data Analyst Roles will help me in becoming a Data Scientist and Data Architect.

Be honest unless you fell into it. In that case, be honest anyway, but show you have an abundance of enthusiasm about being part of the field and are highly motivated to succeed.

List functions:

|  |  |
| --- | --- |
| Operation | BIG-O Efficiency |
| Index[] | O(1) |
| Index assignment | O(1) |
| append | O(1) |
| Pop() | O(1) |
| Pop(i) | O(n) |
| Insert(i,item) | O(n) |
| del operator | O(n) |
| Iteration | O(n) |
| Contains(in) | O(n) |
| get slice[x:y] | O(n) |
| del slice | O(n) |
| set slice | O(n+k) |
| reverse | O(n) |
| concatenate | O(k) |
| sort | O(nlogn) |
| multiply | O(nk) |
|  |  |

Index[] - O(1)

Index assignment

Append

Pop()

Pop(i)

Insert(i,item)

del operator

iteration

contains(in)

get slice[x:y]

# 07/09/2022: Post Interview

# Salary Negotiations

* Salary Questions and Answers
* Preparing References

# 07/09/2022: Technical Break Section

* Technical Overview
* Getting Help for the Technical Section

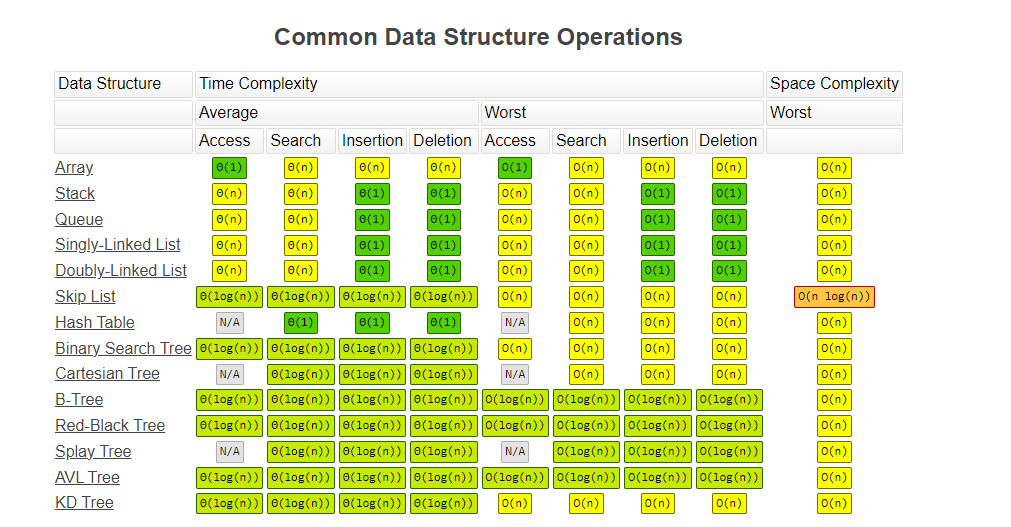
# 07/09/2022: Introduction to jupyter Notebooks

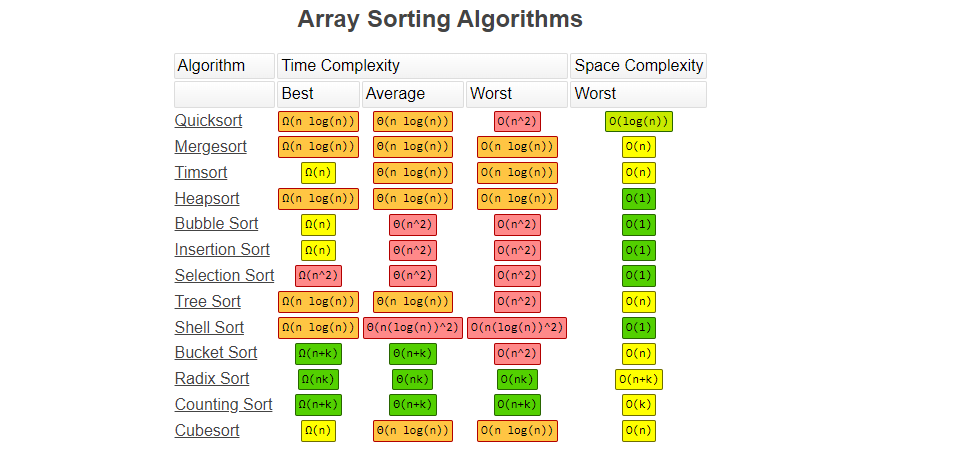
**Dictionaries**:

In python these are an implementation of a Hash table. They operate with keys and Values, for Example:

D={‘k1’:1,’k2’:2}

|  |  |
| --- | --- |
| Operation | Big-O Efficiency |
| copy | O(n) |
| Get item | O(1) |
| Set item | O(1) |
| Delete item | O(1) |
| Contains (in) | O(1) |
| iteration | O(n) |





**Arrays:**

**Dynamic Arrays**

**Referential Arrays:**

Imagine 100 student names with ID numbers

Each Cell of the array needs to have the same number of Bytes

How can we avoid having to have a series names?

We can use an array of Object References

