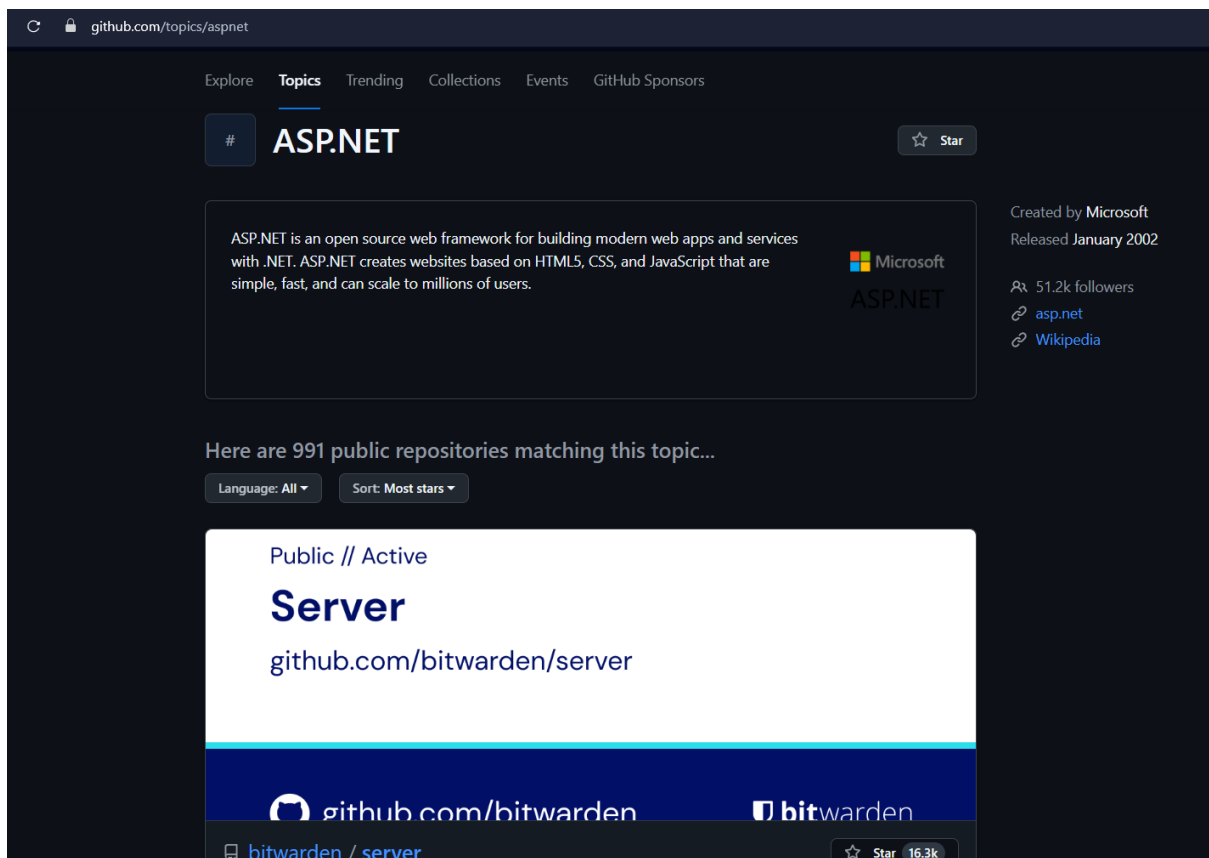
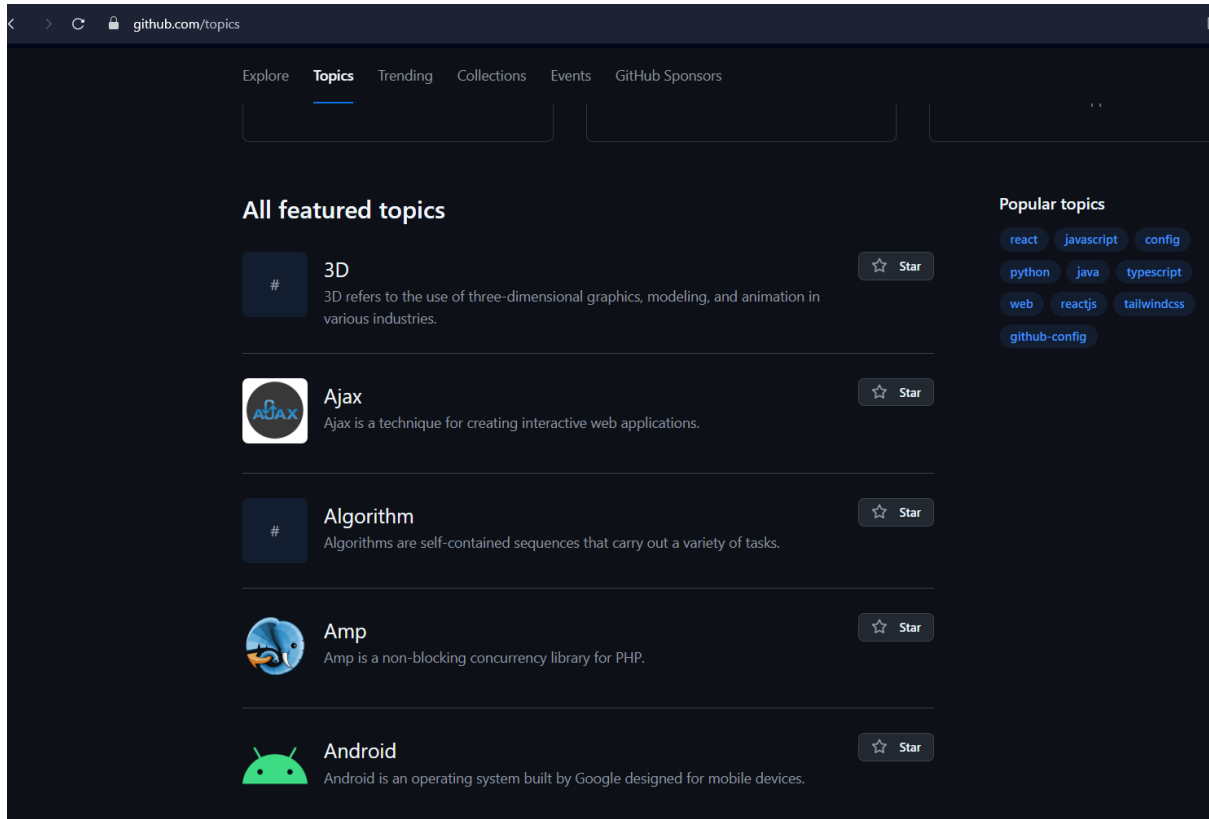
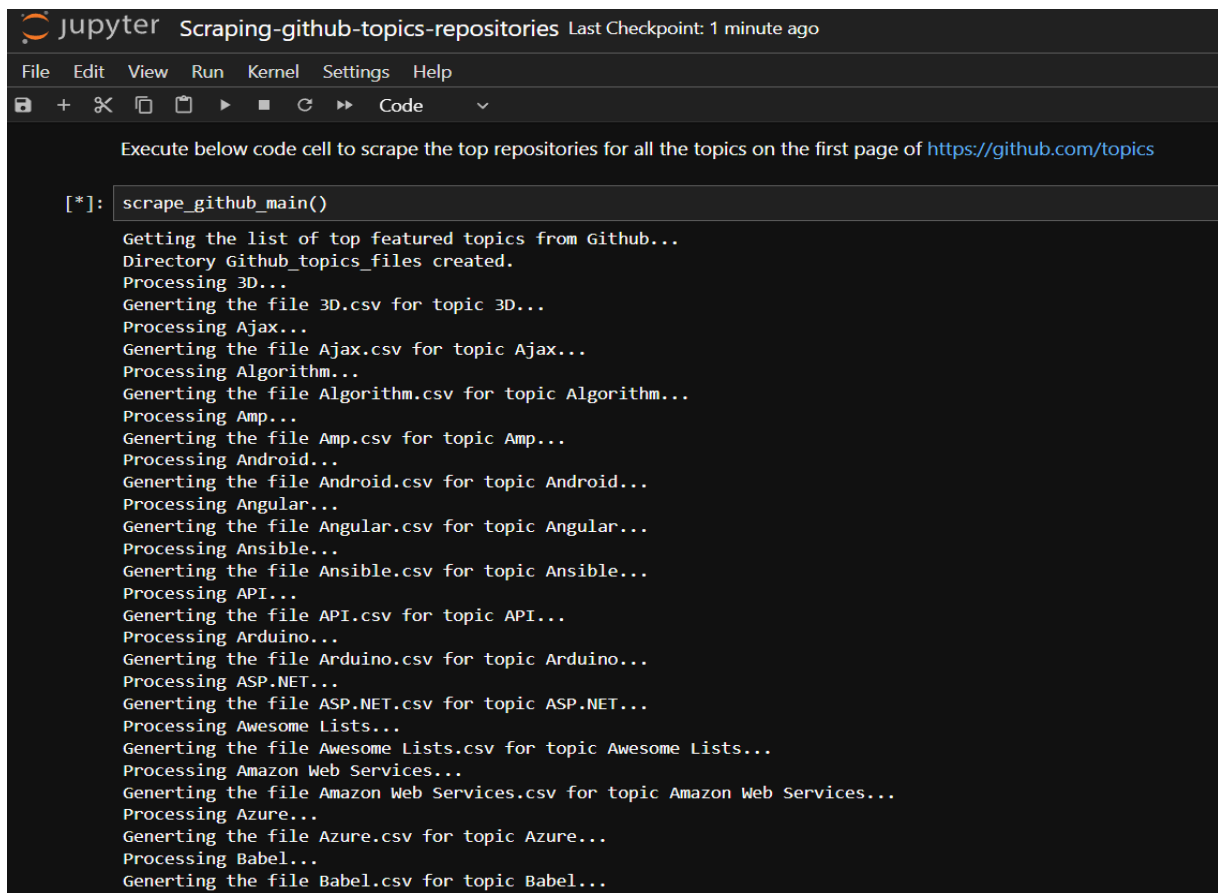
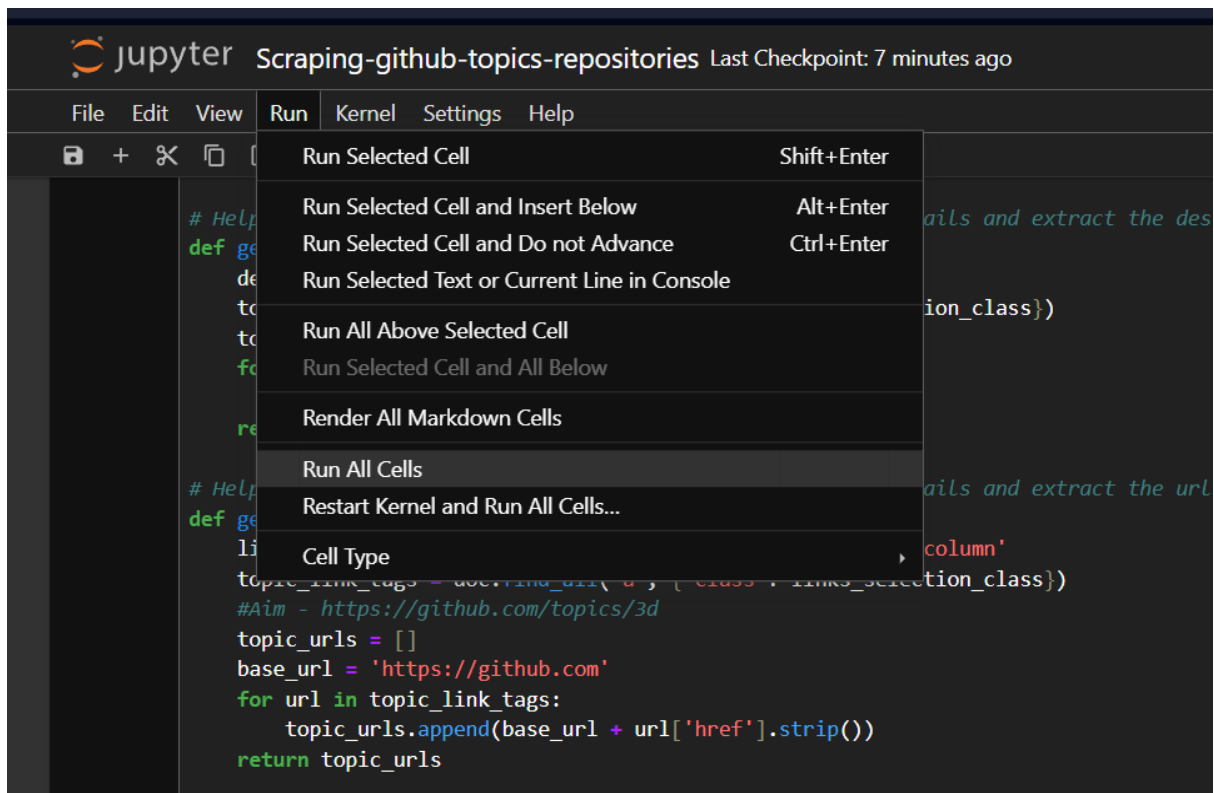


Screenshots –

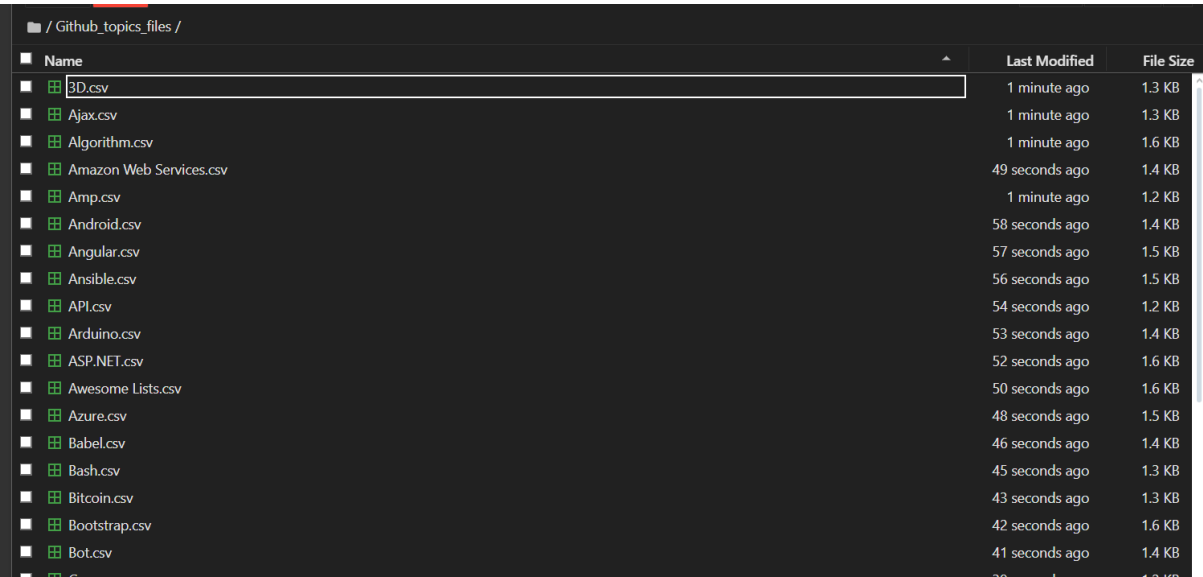
The GitHub page which is used for scraping data –



Once the notebook is opened and all the changes are saved. We can go to Run -> Run All Cells.

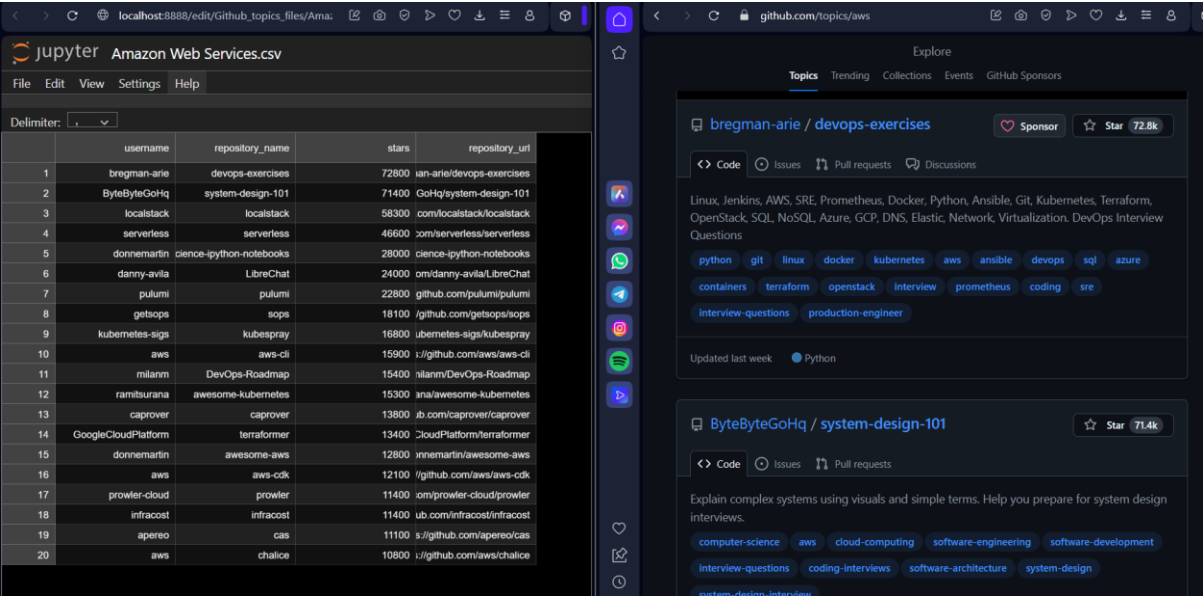


While the execution is in progress or completed, you can browse through your newly created directory Github_topics_files and will be able to see the files.



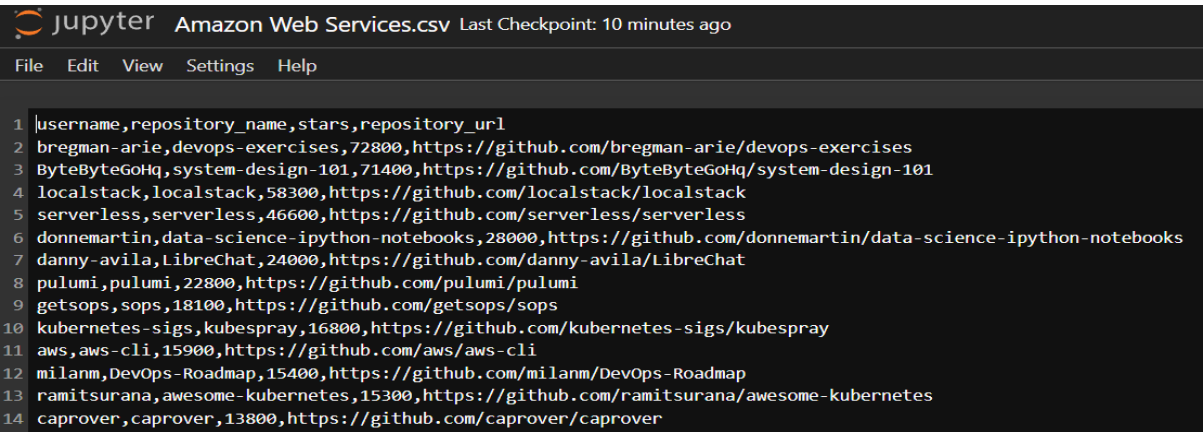
Name	Last Modified	File Size
3D.csv	1 minute ago	1.3 KB
Ajax.csv	1 minute ago	1.3 KB
Algorithm.csv	1 minute ago	1.6 KB
Amazon Web Services.csv	49 seconds ago	1.4 KB
Amp.csv	1 minute ago	1.2 KB
Android.csv	58 seconds ago	1.4 KB
Angular.csv	57 seconds ago	1.5 KB
Ansible.csv	56 seconds ago	1.5 KB
API.csv	54 seconds ago	1.2 KB
Arduino.csv	53 seconds ago	1.4 KB
ASP.NET.csv	52 seconds ago	1.6 KB
Awesome Lists.csv	50 seconds ago	1.6 KB
Azure.csv	48 seconds ago	1.5 KB
Babel.csv	46 seconds ago	1.4 KB
Bash.csv	45 seconds ago	1.3 KB
Bitcoin.csv	43 seconds ago	1.3 KB
Bootstrap.csv	42 seconds ago	1.6 KB
Bot.csv	41 seconds ago	1.4 KB

Below is the screenshot of a CSV file generated for Amazon Web Services along with the GitHub webpage to validate the data accuracy.



The Jupyter Notebook displays the following CSV data:

	username	repository_name	stars	repository_url
1	bregman-arie	devops-exercises	72800	ian-arie/devops-exercises
2	ByteByteGoHq	system-design-101	71400	GoHq/system-design-101
3	localstack	localstack	58300	com/localstack/localstack
4	serverless	serverless	46600	com/serverless/serverless
5	donnemartin	data-science-ipython-notebooks	28000	ciencia-ipython-notebooks
6	danny-avila	LibreChat	24000	om/danny-avila/LibreChat
7	pulumi	pulumi	22800	github.com/pulumi/pulumi
8	getsops	sops	18100	/github.com/getsops/sops
9	kubernetes-sigs	kubespray	16800	ubernetes-sigs/kubespray
10	aws	aws-cli	15900	i/github.com/aws/aws-cli
11	milanm	DevOps-Roadmap	15400	nilanm/DevOps-Roadmap
12	ramitsurana	awesome-kubernetes	15300	ana/awesome-kubernetes
13	caprover	caprover	13800	.b.com/caprover/caprover
14	GoogleCloudPlatform	terraform-aws	13400	CloudPlatform/terraform-aws
15	donnemartin	awesome-aws	12800	nnemartin/awesome-aws
16	aws	aws-cdk	12100	/github.com/aws/aws-cdk
17	prowler-cloud	prowler	11400	com/prowler-cloud/prowler
18	infrastructure	infrastructure	11400	ub.com/infrastructure/infrastructure
19	apereo	cas	11100	s/github.com/apereo/cas
20	aws	chalice	10800	i/github.com/aws/chalice



```
1 username,repository_name,stars,repository_url
2 bregman-arie,devops-exercises,72800,https://github.com/bregman-arie/devops-exercises
3 ByteByteGoHq,system-design-101,71400,https://github.com/ByteByteGoHq/system-design-101
4 localstack,localstack,58300,https://github.com/localstack/localstack
5 serverless,serverless,46600,https://github.com/serverless/serverless
6 donnemartin,data-science-ipython-notebooks,28000,https://github.com/donnemartin/data-science-ipython-notebooks
7 danny-avila,LibreChat,24000,https://github.com/danny-avila/LibreChat
8 pulumi,pulumi,22800,https://github.com/pulumi/pulumi
9 getsops,sops,18100,https://github.com/getsops/sops
10 kubernetes-sigs,kubespray,16800,https://github.com/kubernetes-sigs/kubespray
11 aws,aws-cli,15900,https://github.com/aws/aws-cli
12 milanm,DevOps-Roadmap,15400,https://github.com/milanm/DevOps-Roadmap
13 ramitsurana,awesome-kubernetes,15300,https://github.com/ramitsurana/awesome-kubernetes
14 caprover,caprover,13800,https://github.com/caprover/caprover
```