SVKM'S NMIMS Nilkamal School of Mathematics, Applied Statistics & Analytics Master of Science (Statistics & Data Science) Practical-2: Storage as a service using AWS

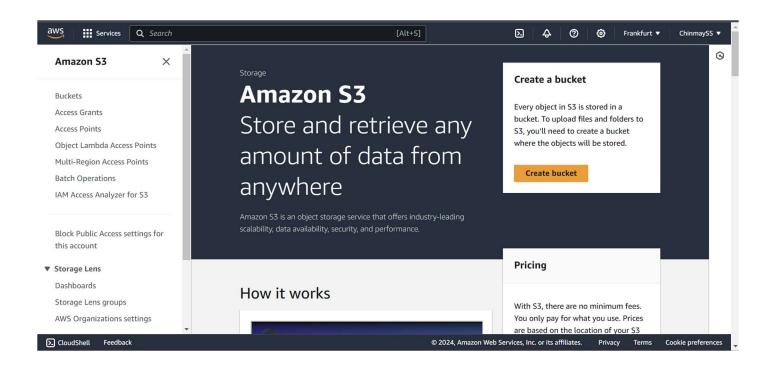
Name: Chinmay Shinde Roll No.: A066 SAP ID: 86062300031

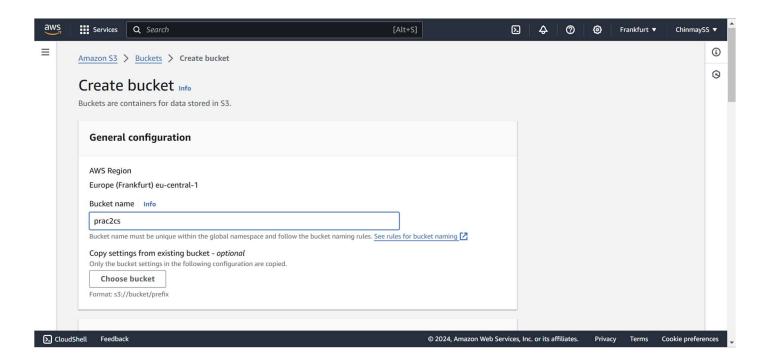
- Storage as a service S3
- S3 use cases
- Steps for S3

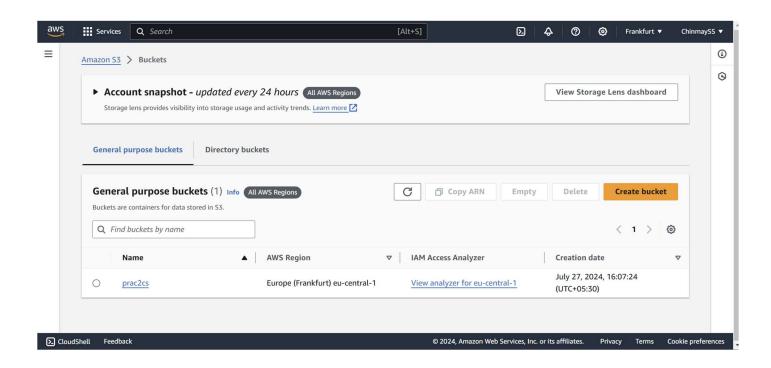
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	Practical 2! Storage as a service using AWS	
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	Storage as a service = 53	4
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_>	33 (Simple Storage Service) is a highly scalable	object
	Storage service offered by Amazon Web Derwices	(Aws)
->	It provides industry leading scalability data	130
	You can use 53 to store and protect any amo	tu
zťs	dof data for a a wide trange of use cases tincheding	data
	lakes, websites, mobile applications, backup and re	store,
1	archive enterprise applications of DOT derices and big	6
	altra analytics notiques no lone grandicas	
->	33 offers different storage classes to optimize for	7
	different stess cases and cost requirements	1'.5
→		object
-	also anobles object versioning to protect against the	19
trile	addital at deletion remoting of itsigd a general	
2)	52 11 2	
Thon	Access objects and use S.S. arrespond used to	7
\rightarrow	Oata Archiving: Storing data for long periods at low	cost -
<i>→</i>	Backup and Disagter Kecovery: Backing up data for bus	iness
	estimity and disaster recovery.	
<i>→</i>	Web and Mobile Applications: Storing static webs; the co	mon,
	images videos and application data.	2
→ `	Big data analytics: Storing large datasats for analysis Content delienery: Distribiting content globally using	
	53 and Choud front.	
->	Tot Data storage: Storing data generated by TOT	derices

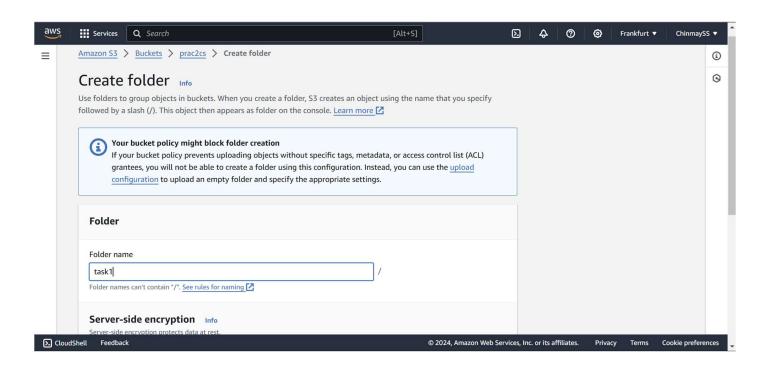
(E)	SUER PAMARED SO
	Ent grice sires a se sport ! I hater?
->	Derops and CI/CD: Storing build artifacts development
	packages, and configuration files.
7	Media and Butertainent: Storing and distributing media content
	like movies, TV shows and music.
Taido	Idelas when a consect grown start of the
3)	Steps defor 53 -A pd harally since yourse
	alle 6 ptillalose probably patrakai salavora to de
a)	Gentle an AWS advant / Sign in to Aws account
twa	the con use 53 to store and protest and and and
(dota	Create on 83 Bucket Where you can store objects.
estore	lake medsites unbile applications, backup and
	Configure budnet properties like region, access control
	versioning and ancomption.
-	I estimate at sexual egerate transfile with the
(6	Upload objects ite. basic out of data in 53 very
theido	the d Aws management console lastes
	Its twings totary of principles totale soldens alle
e)	Manage objects by performing operations like creating,
	deleting, and copying objects.
	VIEW TAKE I COMMON TO THE PARTY OF THE PARTY
t)	Access objects and use S3 presigned URL to grant
- Tres	temporary access to objects.
233014	Access objects and use S3 presigned URL to grant temporary access to objects.

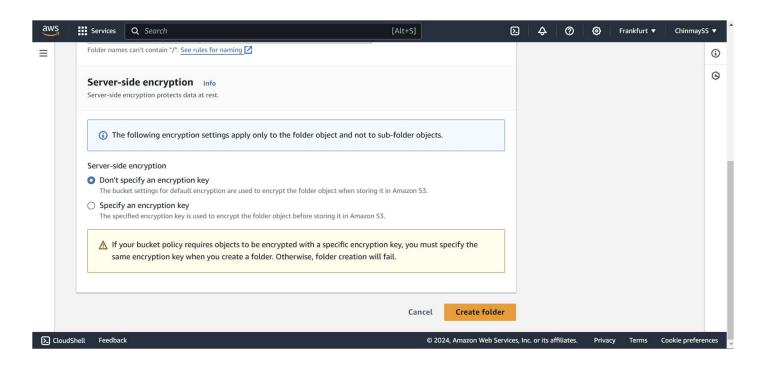
1. Implement S3 for uploading a file, video, etc.

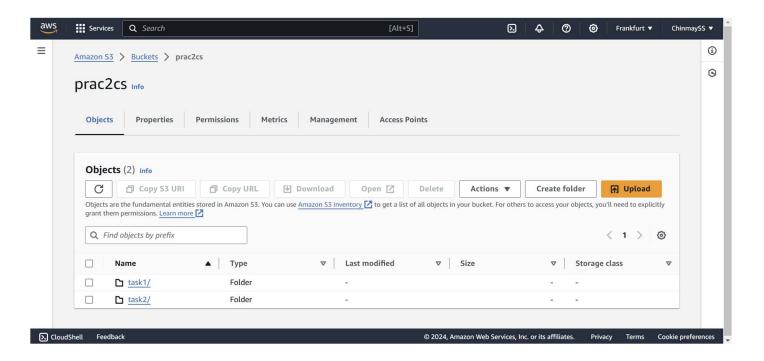


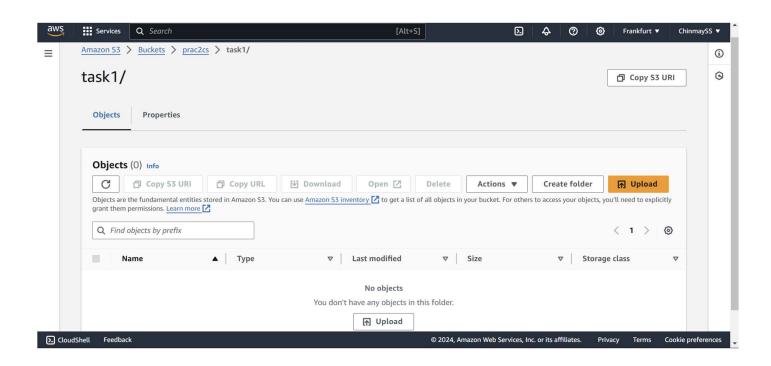


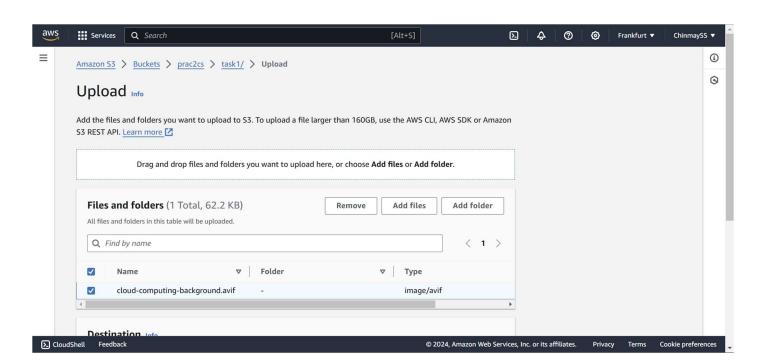


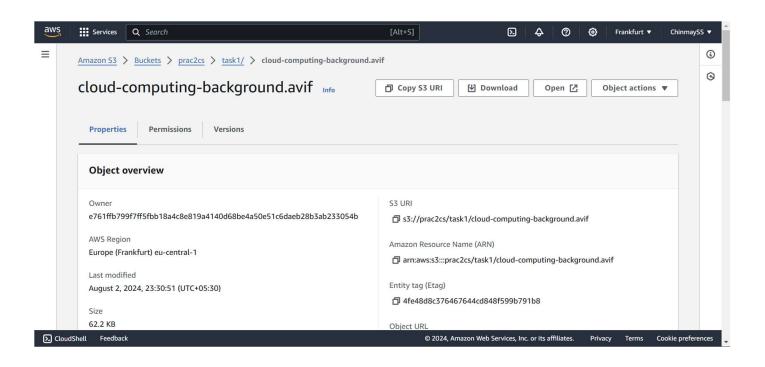


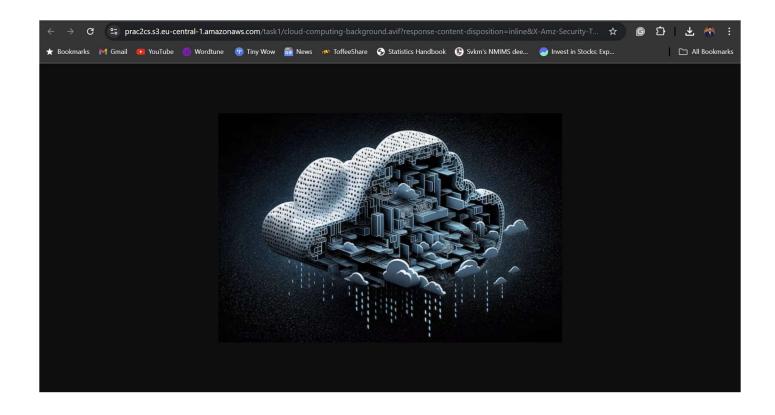




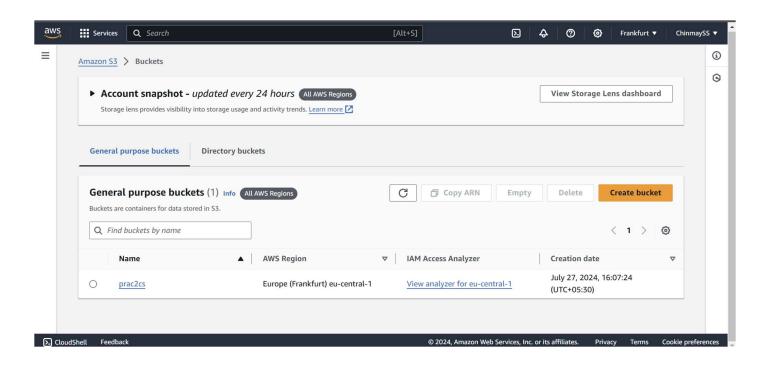


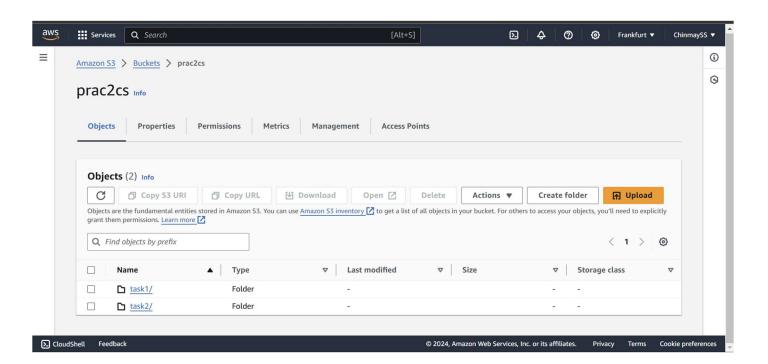






2. Implement S3 for uploading a static website





```
Ⅺ File Edit Selection View Go Run ···
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      css11.html X
Q
             <html lang="en">
                 <meta charset="UTF-8">
                 <meta name="viewport" content="width=device-width, initial-scale=1.0">
$
                 <title>Flight Booking Demo</title>
k href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@300;400;600&display=swap" rel="stylesheet">
                         font-family: 'Open Sans', sans-serif;
background-color: ■#f4f4f9;
R
                         margin: 0;
                         padding: 0;
                      .hero-section {
                         \textbf{background-image: url('https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQFE8fvpRDQw3LvccnMAY2Zi8lqoKuR\_ifMTA\&s');}
                         background-size: cover;
                         background-position: center;
                         color: ■white;
                         text-align: center;
                         padding: 150px 0;
                         position: relative;
                      .hero-section::before {
                         content: "";
position: absolute;
                          top: 0;
                          left: 0;
                          right: 0;
```

