

Output

Create a s3 bucket:

The screenshot shows the AWS S3 console with the path 'Amazon S3 > Buckets > eswar-21'. The left sidebar has sections for Buckets, Access management and security, and Storage management and insights. The main area shows the 'eswar-21' bucket with 'Info' selected. It displays 'Objects (2)'. The table lists 'extract/' and 'load/' as Folder types, both last modified '1 hour ago' with size '-' and storage class '-'. Action buttons include Copy S3 URI, Copy URL, Download, Open, Delete, Actions, Create folder, and Upload.

Create a lambda function & add a trigger for s3 put object:

The screenshot shows the AWS Lambda console with the path 'Lambda > Functions > activate-s3'. The left sidebar has sections for Function overview, Diagram, Template, and Layers (0). The main area shows the 'activate-s3' function with a description, last modified '1 hour ago', and a Function ARN. A 'Function URL' is also listed. On the right, there's a 'Tutorials' section for 'Create a simple web app' with steps to build a simple web app using Lambda and API Gateway. A 'Learn more' link is also present.

create a glue job:

The screenshot shows the AWS Glue console with the path 'AWS Glue > Data Catalog > Visual ETL > export'. The left sidebar has sections for Getting started, ETL jobs, Visual ETL, Data Catalog tables, Data connections, Workflows (orchestration), Zero-ETL integrations, Data Catalog, Databases, Stream schema registries, Schemas, Connections, Crawlers, Classifiers, Catalog settings, Data Integration and ETL, Zero-ETL Integrations, ETL jobs, and Visual ETL. The main area shows a visual ETL job named 'export' with three stages: 'Data source - S3 bucket Amazon S3', 'Transform - DropDuplicates...', and 'Data target - S3 bucket Amazon S3'. The 'Actions' dropdown shows options like Save and Run.

Create sns topic to receive mail if the job run:

The screenshot shows the Amazon SNS Topics page. A blue banner at the top says "New Feature: Amazon SNS now supports High Throughput FIFO topics. Learn more". The topic "uploadbucket" is selected. The "Subscriptions" tab is active, showing one subscription: "eshukarthikeyan2107@gmail.com" (Confirmed, EMAIL). Other tabs include "Access policy", "Data protection policy", "Delivery policy (HTTP/S)", "Delivery status logging", "Encryption", "Tags", and "Integrations".

Create an event bridge to invoke sns if glue job runs:

The screenshot shows the Amazon EventBridge Rules page. A rule named "glue-check" is selected. The "Event pattern" tab is active, showing the following JSON event pattern:

```
1 {
2   "source": ["aws:glue"],
3   "detail-type": ["Glue Job State Change"]
4 }
```