(1) Storege as a service S3:

5(3) simple storage service is a scalable object storage service offered by aws assigned for storing & retrieving any amount of data from anywhose on web. its known for its durability, ocalability & performance

Benefits: O cost effective: Pay-as-you-go pricing model with no appoint costs.

multiple storage classes neep sprimise costs based on access patterns

(2) eary integration integrates with a wide House of Aws diverse & compus workflows.

Key jeatures: 1 ralability: automatically ocales otologie data nuds wathout user intervention.

(2) Scalable & durable: 53 is designed to provide 99.9\_ \_9 (11,9's' dubusity enturing data is safe be

ensure 99,99% availability.

(3) storage classes: - standard (gurard purpose)

- intelligent tiering

- Standard IA (influent access)

- one zone -AI

- glacies

- desp goaier archieur.

- Décurity: supports sencer side arryption (SSE) with AWS manage regys, togging & monitoring track access by access by with about rail & access logs
- 12/ 53 mecares:
- O Beckup & Restore: it provides rightly durable storage Thats ideal to back critical data.
  - @ Data backup & avarioue: 38 is commonly used for deta backup & long term archieving and to durabuly & ruliability.
- (3) content distribution: it can be used to store strate's convert like imale, videos & downloodable file. Content can be distributed globally to were guarde omazon cloudfront, a content delivery notwork.
- Data Laker: its a foundational component of data where stryctures. it allows institution to abore stryctures data processing.
  - (f) by data: So is commonly used to stell by data in its have form form for by data & analytics pipelines. It desures as landing some for data before processing it with tools like apache sports, etc.

- 3 Steps (101 33:
  - O Orlent Aws account.
  - @ access Aws management complete by in - ravigable to S3,
  - 3) vielle S3 brieffert: create & configure bucket. · set policy is configurations
  - (1) upwad stylects.
  - (3) manage & organise data.
  - 6 vetup data management pairies.
  - . similar & setinan @
  - (3) configure security.
  - @ integerate with other services.

(2)