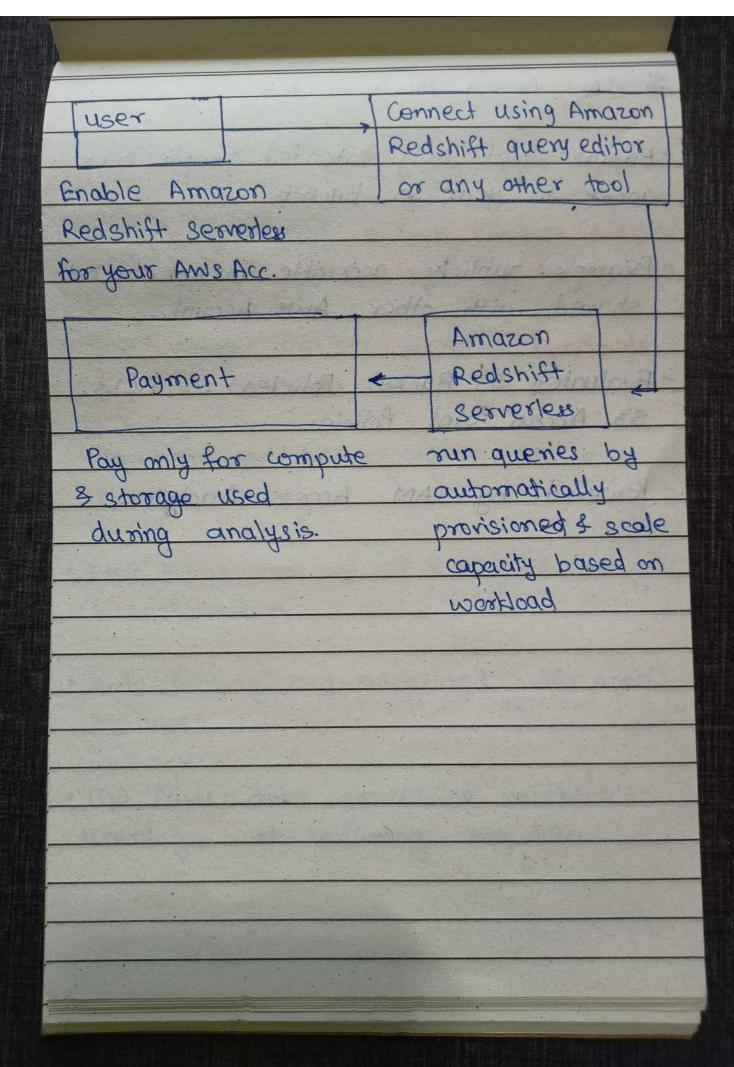
The second of th
· BI took such as AWS Quicksight or Tableau Integrate with it.
Redshift Serverless
· Automatically provisions & scales data warehouse underlying capacity
· Run analytics workloads without managing data warehouse infrastructure.
· Pay only for what you use (save costs)
· Use Cases: Reporting, dashboarding applys, real-time analytics
Enable Amazon Connect using Amazon
Redshift serventess > Redshift query editor
for your AWS or any other tool Account
Pay only for Amazon Redshift
used during analytics run queries by automatically provision



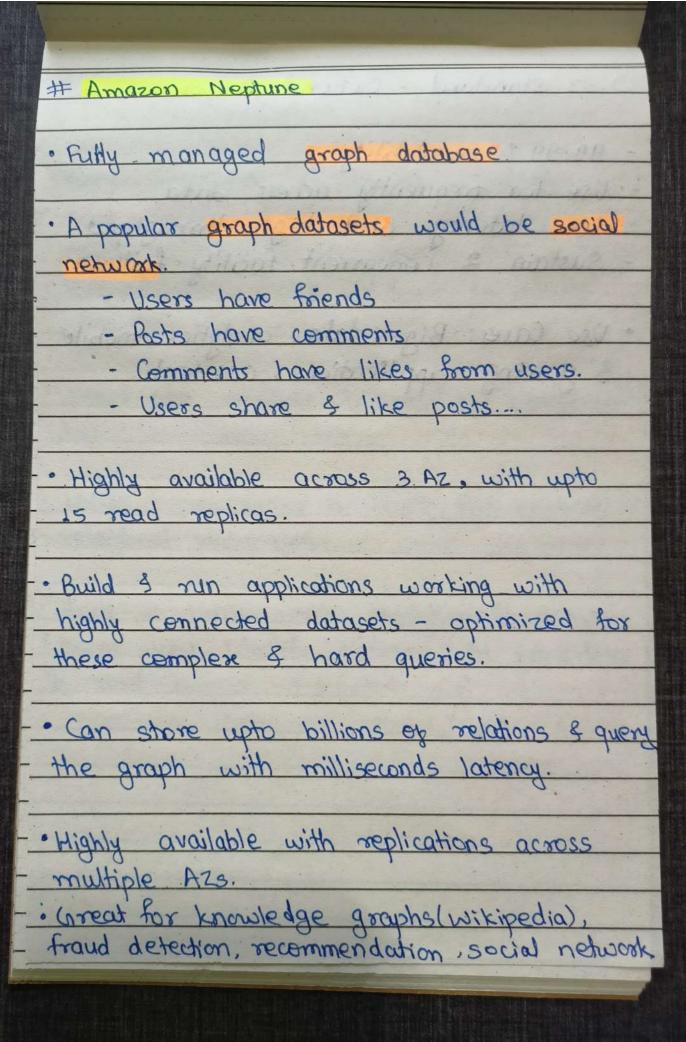
EMR OVERVIEW

- · EMR stands for " Elastic MapReduce"
- · EMR helps creating Hadoop clusters (Big Data)
 to analyze & process vast amount of data.
- The dusters can be made of hundreds
 of Ecz Instances.
- · Also supports Apache spark, HBase, Presto, Flink....
- · EMR takes care of all the provisioning & configuration
- · Auto-scaling and integrated with spot
- · Use Cases: data processing, machine learning, web indexing, big data....

- · Serverless query service to perform analytics against 33 objects
- · Uses standard SQL Language to query the
- · Supports CSV, JSON, ORC, Avro, & Parquet (built on Prosto)
- · Pricing 5\$ per TB of data scanned.
- · Use compressed or columnar data for cost - savings (less scans)
- · Use- Cases: Business Intelligence analytical reporting, analyze & query upc Howlogs, PIB logs, Cloudtrail trails, etc. --
- · Exam Tip: analyze data in 53 using servexless SQL, use Athena.

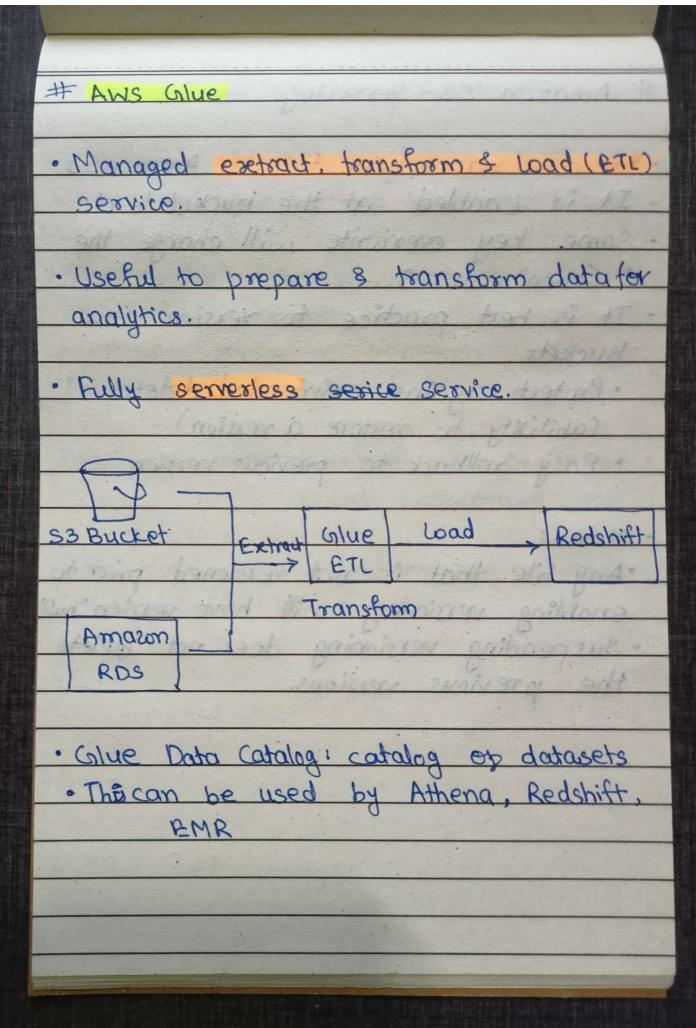
Amazon Quicksight Serverless machine learning-powered business intelligent service to create
· serverless machine learning-powered
interactive dashboards.
· Fast, automatically scalable, embeddable,
with person pricing.
· Use Cases: 17 Business analytics 27 Business visualizations 37 Perform ad-hac analysis
- W (net business imsights using data
redshift, S.3
with of its content, possess mainiail.
- guidassa quest profes son son
reported to technolis and state of the property

DocumentOB (NOSQL DB)
· Aurora is an "AWS-Implementation" of
Postgresall Mysal
· losting ideals
· Mongo DB is used to store, query, 4 Index
ISNN data.
LINE A MAMPHINE LONDONNER EZ ALSONIA.
· Similar "deployment concepts" as Aurora.
Middle of M. P. pr -
· Fully managed, highly available with
replication across 3AZ
18334 than without seed and as account.
· Document DB storage automatically grows in
in creaments of 10 MB.
Las CREPPCEPERED BE I willdown apply
· Automatically scales to workloads with
millions of requests per seconds.
philipping + = Per-
austral problems orients = 26000 mill =
otob to ptob services no me island
the same of the same of the same



Amazon Timestream · Fully managed, fast, scalable, serverless time series database. · Automatically scales upldown to adjust capacity. · Store and analyse trillians of events per day · Loops times faster & 1/10th the cost of relational databases. · Built-m time series analytics functions Chelps you identify patterns in your data In real-time oin sa Ildolinus ton i utilidalla

Amazon aLDB · alds stands for a Quantum Ledger Database · A ledger is a book recording financial transactions. · Fully managed, serverless, high available, Replication across 3 AZ. · Used to review history of all the changes made to your application data over time. with a good repold se assome · Immutable system: no entry can be removed or modified, cryptographically verifiable. · 2-3x better performance that common ledger blockchain: no decentralization component. in accordance with financial rolu regulation rules.



DMS - Data Migration Service
· Quickly and securely migrate databases
to AWS, resilient, self healing
· The source database remains available during the migration.
wasper time Hiedow - ee winer soud 19441 200
· Supports:
D'Homogeneous migrations: ex Oradeto
in 19thing rample pollog tadoutorade from
in the state of th
2) Heterogeneous migrations: ex Microsoft
SOL Server to Aurora.

Database & Analytics Summary on AWS @ Relational Databases - OLTP: RDS & Aurora (SQL) @ Differences between Multi-Az, Read-replicat Multi-Region 3) In-momary: Elasticache @ KeylVane Databases: DynamoDB (serverless) 8 DAX (cache for dynamoDB) (Nosal) (can handle millions of request persec) 6 Warehouse - OLAP: Redshift (SOL) (Analytics) level to set to the occupit level. @ Hadoop duster: FMR (Big data) (7) Athena: query data on Amazon 53 (serverless 4 sac) (8) Quick Sight: dashboards on your data (serverless)

1 Document DB: " Aurora for Mongo DB" (JSON - NO SQL) 1 Amazon GLOB: Financial Transactions ledger (immutable journal, cryptographically verificable) @Amazon Managed Blockchain: managed Hyperledger Fabric & Etherum blockchain (decentralized Blockchain) @ Glue: Managed ETL Lextract Transform Load) and Data Catalog Service. 1 Database Migration: DMS (4) Neptune: graph database 1 Timestroam: time - series dotabase