Part	Content	Homework
1 – General	- Different types of clouds (IAAS/PAAS/SAAS) - Benefits of cloud - Compute vs storage - Expense - Scale - Flexibility - AWS – Overview - The History Of AWS - How To Sign Up for AWS.	Sign up for AWS
2- Storage	- Object storage vs file storage vs Database - Examples of each s3 vs EBS/EFS vs Redshift - Difference in pricing - When to use what - S3 Hands on - Create a bucket - Upload/download stuff	Create S3 bucket and store data
3- Storage	- Databases 101 - RDS Backups, Multi-AZ & Read Replicas - DynamoDB - Redshift - Aurora - Elasticache	Upload a CSV in Redshift
4-Storage	- File based storage - EBS 101 - Volumes & Snapshots	
5 – Compute	- Different compute options - Serverless/Server - Examples of each and when to use what - Lambda hands on - Run a sample program - EC2 – auto terminate /auto scale functionality overview.	Run a simple lambda/Create an EC2 and destroy it.
6 – Compute	- Distributed Compute EMR – Overview - Machine learning compute – Sage Maker Overview	Launch Sage Maker note book.

CAPSTONE PROJECT: WRITTEN PAPER 200 WORDS