

## Lab 02: Databases

### AWS Cloud Foundations Modules: Module 8

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1. You are the AWS consultant tasked with deploying a database to store shopping transactions. This database shall be used in an e-commerce website that commercializes various items, and therefore the data structure that maps each transaction is not standardized. Your manager requested you make available this database using AWS DynamoDB and provided some example transactions. Create the database and insert the transactions provided by your manager. For the indexing, you should use the *clientid* as the partition key and *created* as the sorting key.

You may find the example transactions [here](#).

2. You are the AWS consultant tasked with deploying a PostgreSQL database. This database should be protected by a Security Group that only allows access to the DB port. Furthermore, to make available the database, you must rely on a DB Subnet Group. The database should be accessible from an EC2 instances, specifically created for this purpose. To confirm the database can be reached from the EC2 instance, install *psql* in the instance, connect to the PostgreSQL instance and list all databases.