Getting Started with Amazon DynamoDB

Model a DynamoDB Database for a Mobile App

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Introducing the Presenters

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@nosql_here

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Episode Plan

Create Your First Table Using
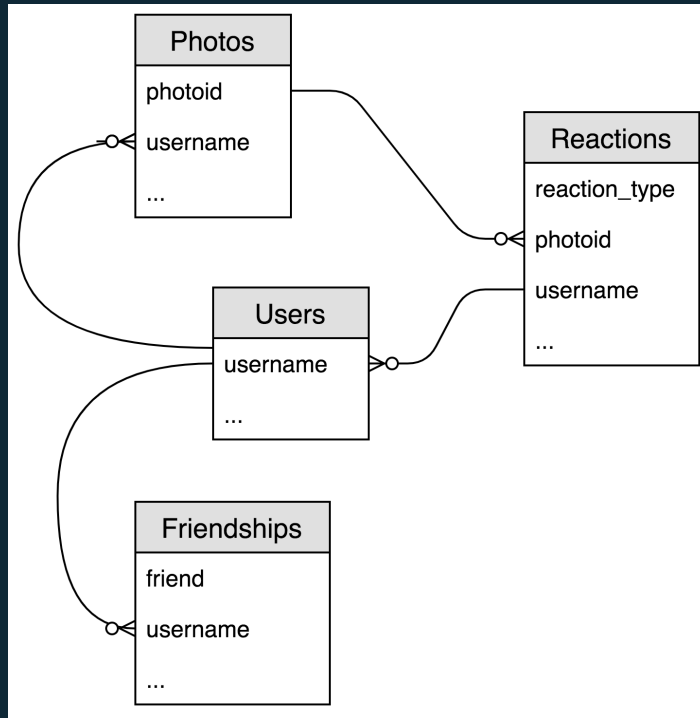the DynamoDB Console

Query and Manage DynamoDB
Tables Using Python

Model a DynamoDB Database
for a Gaming Application

Model a DynamoDB Database
for a Mobile App

Build a Modern, Serverless Application

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Mobile App Scenario

Mobile app for social networks built on photo sharing.

- Entities
- Relationships
- Attributes
- Collections?

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Access Patterns: User Profiles

- Create User Profile

- Update User Profile

- Get User Profile

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Access Patterns: Photos

- Upload Photo for User

- View Recent Photos for User

- React to a Photo

- View Photo and Reactions

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Access Patterns: Friendships

- Follow User

- View Followers for User

- View Followed for Users

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Data Modeling Guidelines and Tools

1. Denormalize

2. Build Collections

3. Primary Patterns in Tables

4. Secondary Patterns in GSIs

5. Iterate

NoSQL Workbench
for DynamoDB

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Cleanup and Questions

Tune in next time…

Build a Modern, Serverless Application