

# Lab: Amazon DynamoDB

INF 551

Wensheng Wu

# Task (using restaurant data set)

- Create a DynamoDB table called "Restaurants"
  - It has "restaurant\_id" as the primary key
- Select three restaurants of your choice from the data set
- Insert their contents into your DynamoDB table

# Requirements

- All data in the 3 restaurants should be inserted into the table
- JSON object => DynamoDB map
- JSON string => DynamoDB string
- JSON number => DynamoDB number
- JSON nested structure (object inside object) => DynamoDB nested structure (e.g., map inside map such as {k1: v1, k2: {k3: v3}})

# Submission

- Export all items => single csv file => submit the file

The screenshot shows a web application interface for managing a list of items. At the top, there is a blue button labeled 'Create item' and a grey button labeled 'Actions' with a downward arrow. To the right of these buttons are two icons: a gear (settings) and a circular arrow (refresh). Below the buttons, there is a header bar with the text 'Scan: [Table] B' on the left and 'Viewing 1 to 2 items' on the right. A dropdown menu is open from the 'Actions' button, showing four options: 'Duplicate', 'Edit', 'Delete', and 'Export to .csv'. The 'Export to .csv' option is highlighted. Below the dropdown menu, there is a search bar with the text 'Start search' and a plus icon. The main content area is a table with the following columns: 'Author', 'Year', 'Title', and 'Keywords'. The table contains two rows of data:

	Author	Year	Title	Keywords
<input type="checkbox"/>	Jeffrey Ullman	2005	Database sys...	
<input type="checkbox"/>	Bill Clinton	2002	My life	[ { "S" : "Hist