Database Design, CSCI 340, Spring 2016 Lab 7, Normalization, March 11

Download and open the Excel file Lab07_SalesOrder.xlsx. This file contains data with the following attributes:

salesOrderID orderDate productID productName unitPrice standardCost categoryID categoryName orderQty regionID territoryName countryCode

1. Give likely functional dependencies amongst these attributes.

2. Import the sales data given in the Excel file into Access and use the Access table analyzer to create new tables.

Open a blank Access database Access 2013 Blank desktop database

Import the Excel spreadsheet EXTERNAL DATA tab Excel Browse to file Import the source data into a new table in the current database Use the table analyzer to create new tables DATABASE TOOLS tab Analyze table Read through the examples given Let the wizard do the decomposition List any tables which are similar to our design

> Go back and create the design yourself. Drag fields out to create new tables Set keys for the tables

3. Look at each of your table to see if they are as expected. List the number of records in each table.