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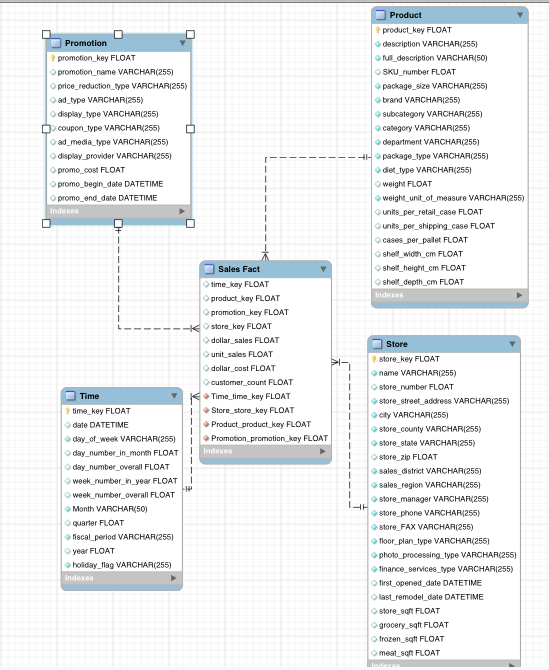
**CS157B Spring 2015: Team Project**

I. Description

Our dimensional model represents a business of grocery stores. One row in the fact table represents the transaction information in a day for a product from one store.

**Business Process:** Grocery sale transactions **Grain:** Transactions in a day for a product in one store  
**Dimensions:** Product, Promotion, Time, Store  
**Facts:** Dollar Sales, Unit Sales, Dollar Cost, Customer Count

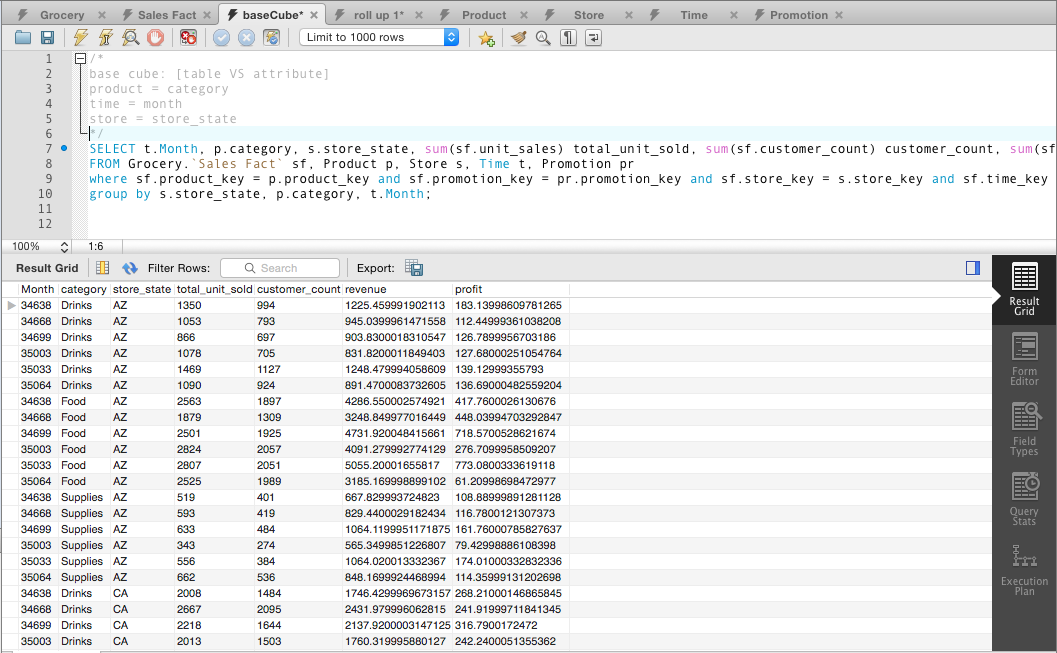
II. Star Schema



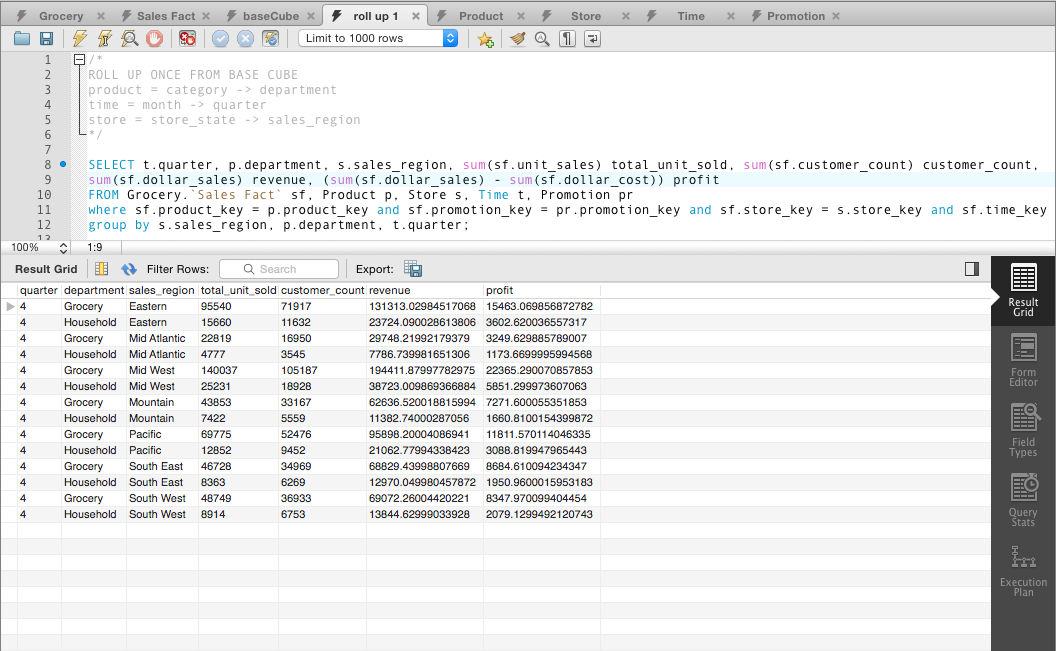
III. Screenshots

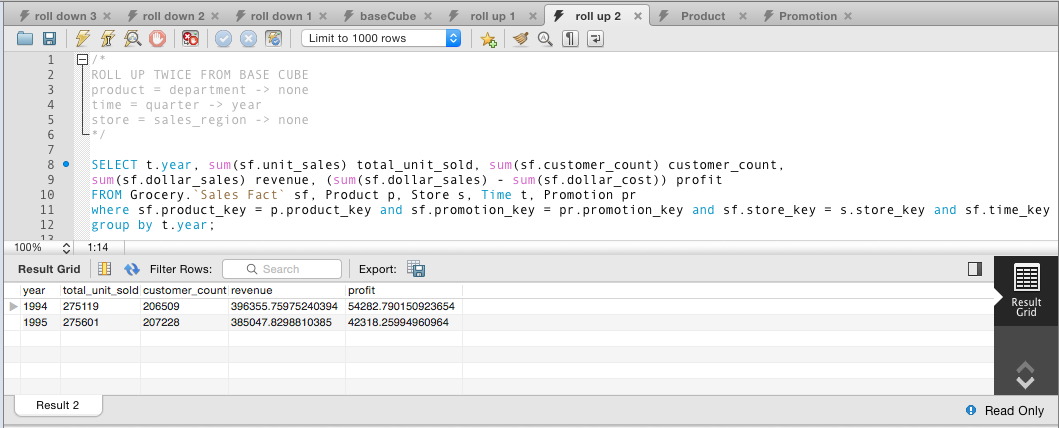
1) Initial screen that shows dimensions and attributes

2) Base cube

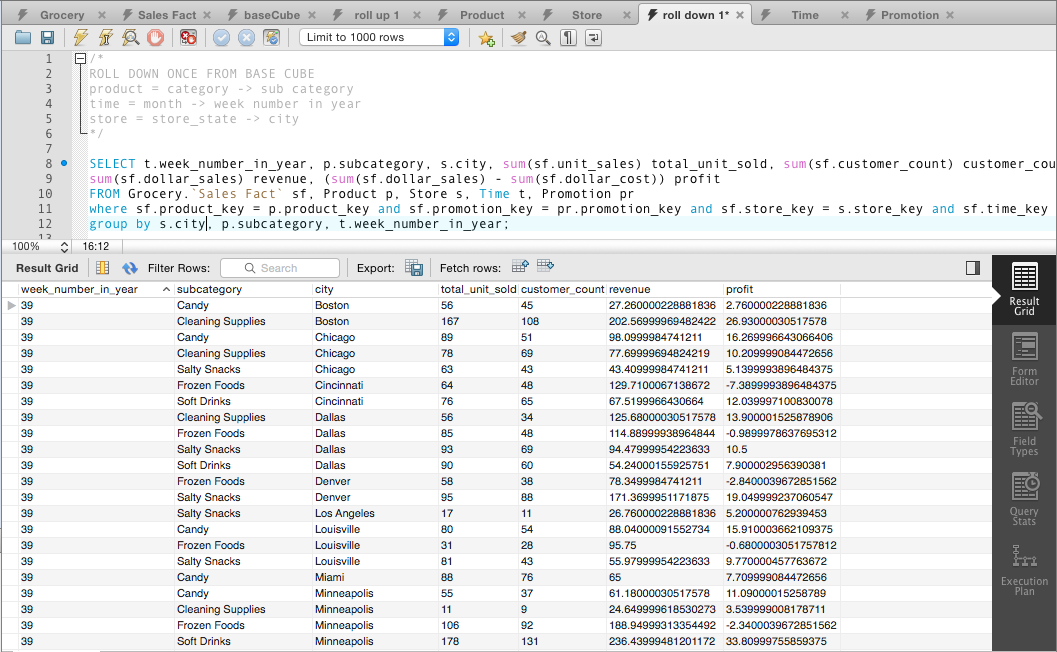


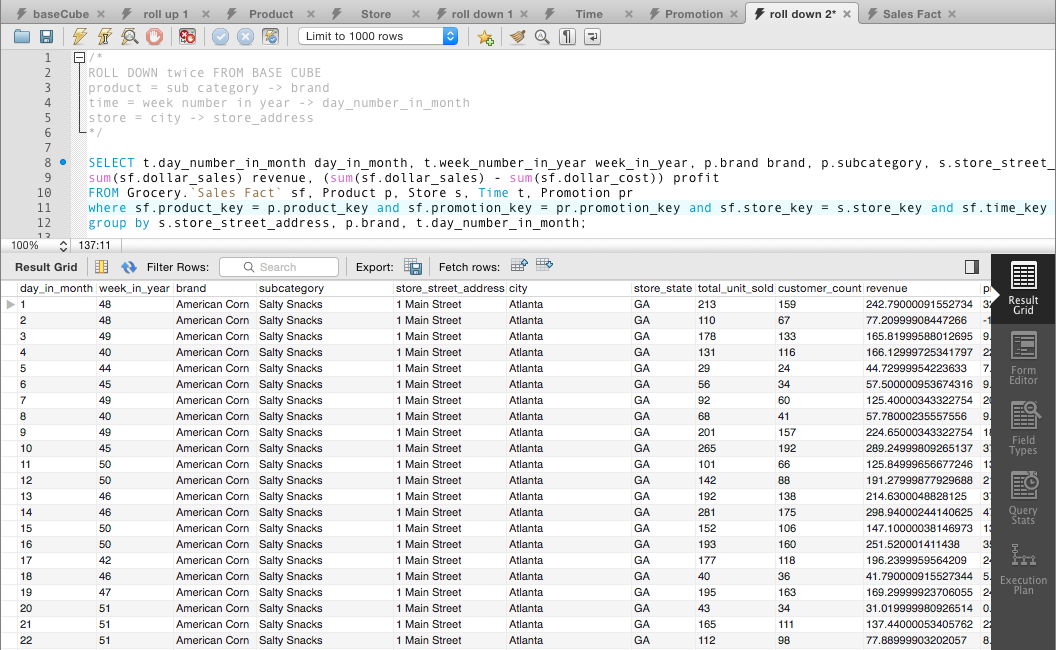
3) Roll-up operation on the base cube

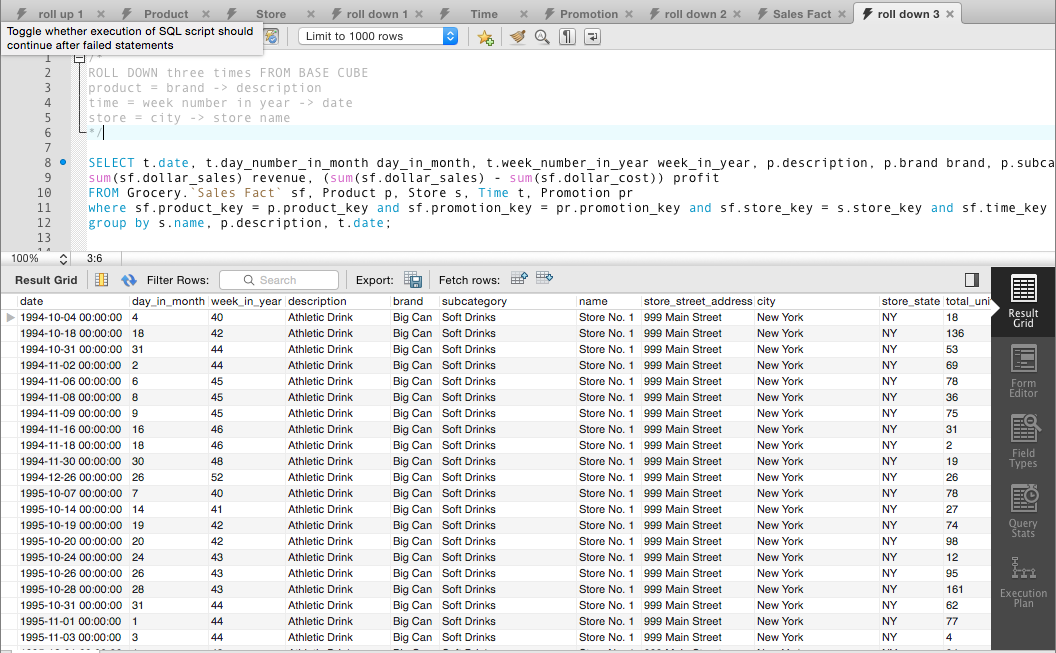




4) Drill-down operation on the base cube







5) Slice operation on the base cube

6) Dice operation on the base cube