

Misc Topics 2



Amol Deshpande
CMSC424

Topics

- OLAP
- Data Warehouses
- Information Retrieval

OLAP

- On-line Analytical Processing

- Why ?

 - Exploratory analysis

 - Interactive

 - Different queries than typical SPJ SQL queries

 - Data CUBE

 - A summary structure used for this purpose

 - E.g. *give me total sales by zipcode; now show me total sales by customer employment category*

 - Much much faster than using SQL queries against the raw data

 - The tables are *huge*

- Applications:

 - Sales reporting, Marketing, Forecasting etc etc