# Paper #1020 Data Mining – Getting the Most From Your Data Warehouse

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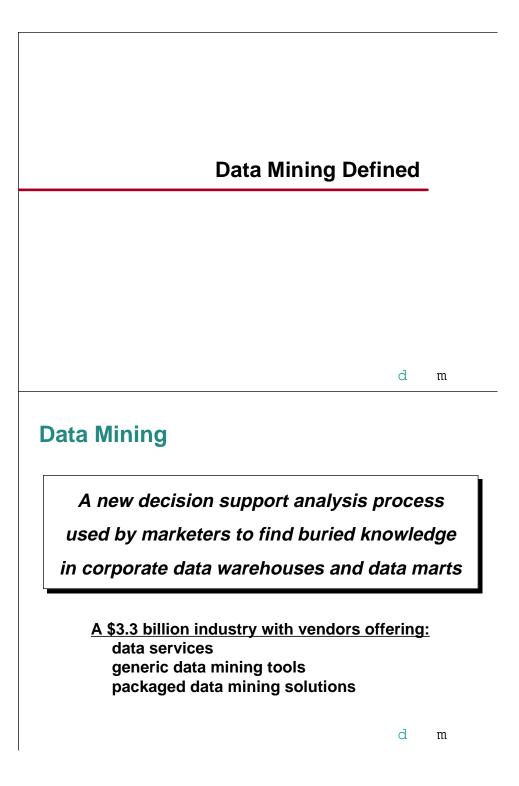


# Data Mining -- Getting the Most From Your Data Warehouse

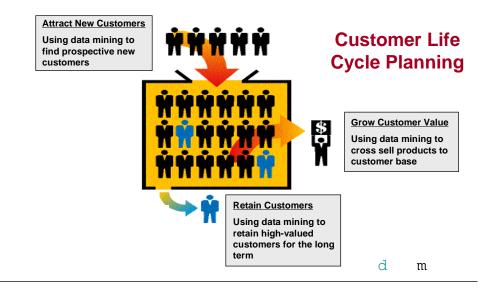
AJ Brown VP Marketing, DataMind Corp.

# Agenda

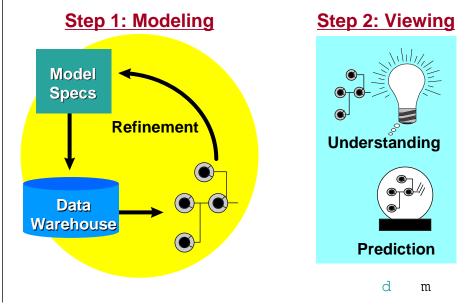
- > Data mining: what is it and what can it do for me?
- Data mining versus OLAP...statistics...reporting tools
- Approaches to data mining
- Underlying technologies
- Real-world examples

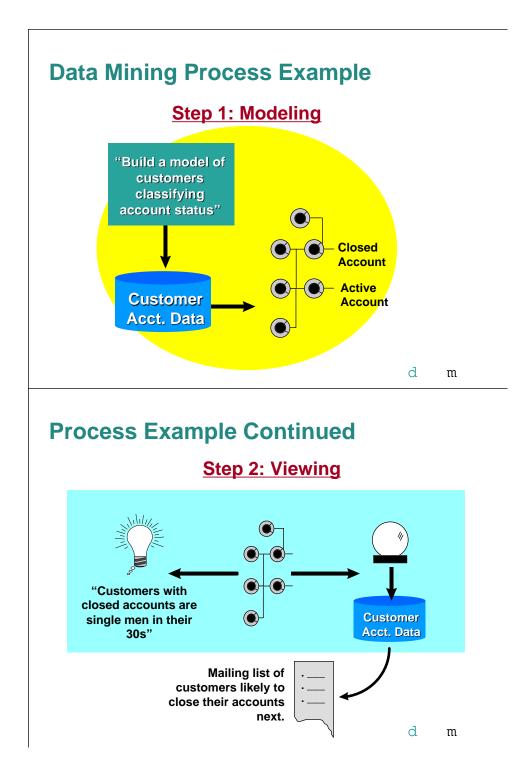


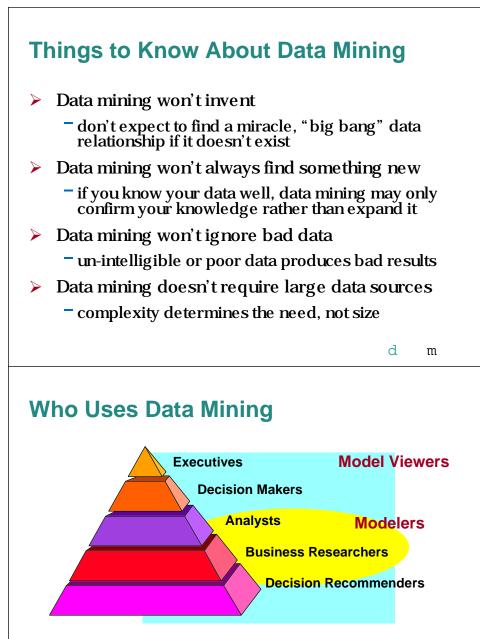
# Many Focus Data Mining on the Customer First



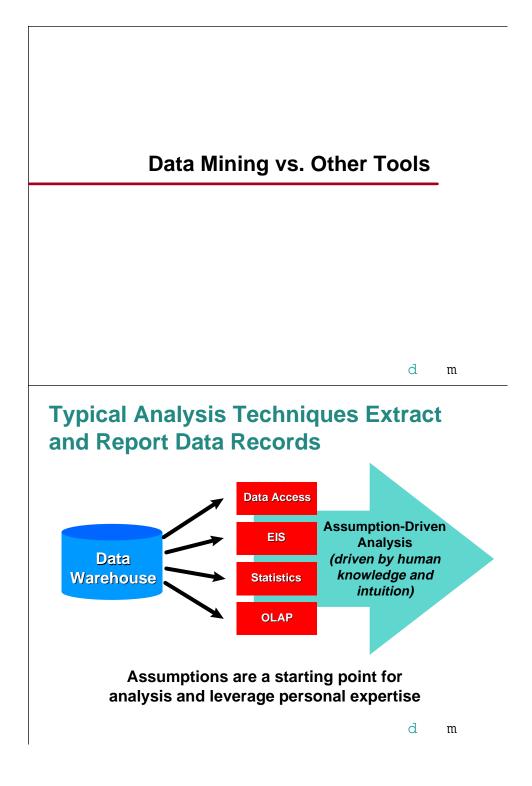
### **The Process of Mining Data**

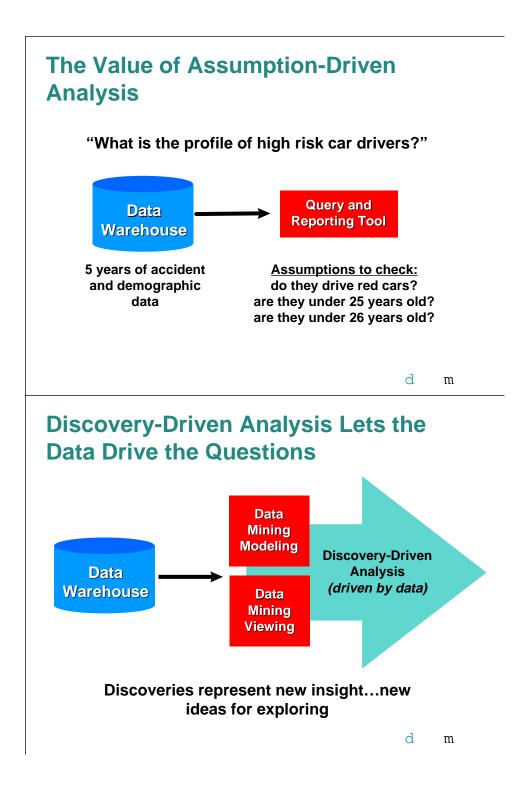


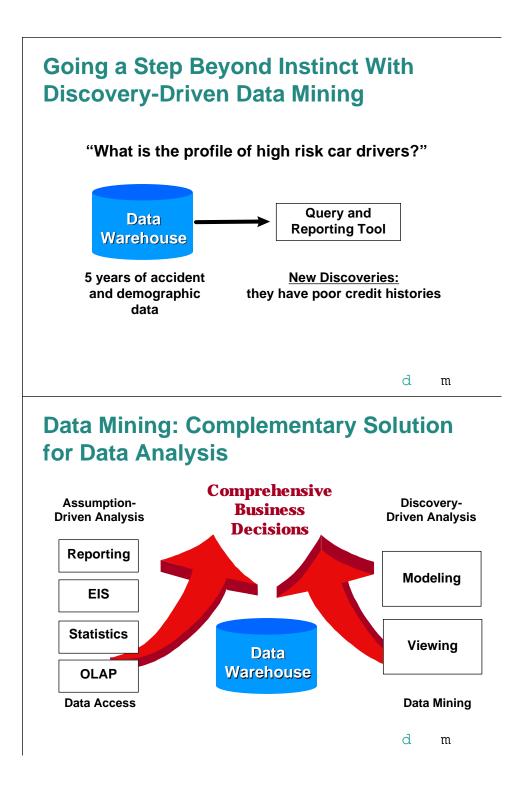


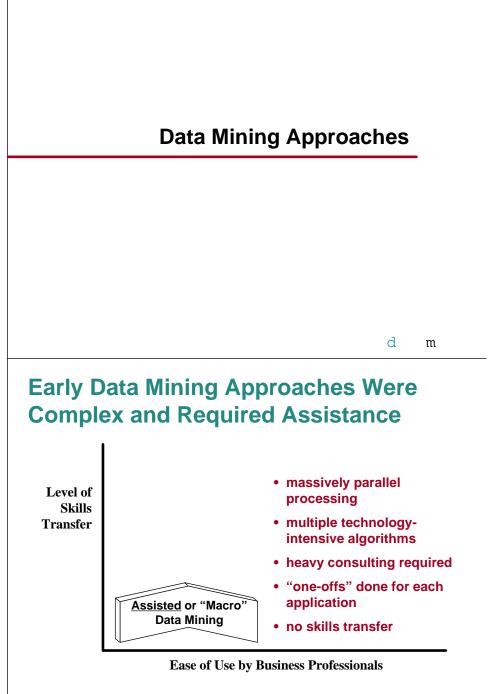


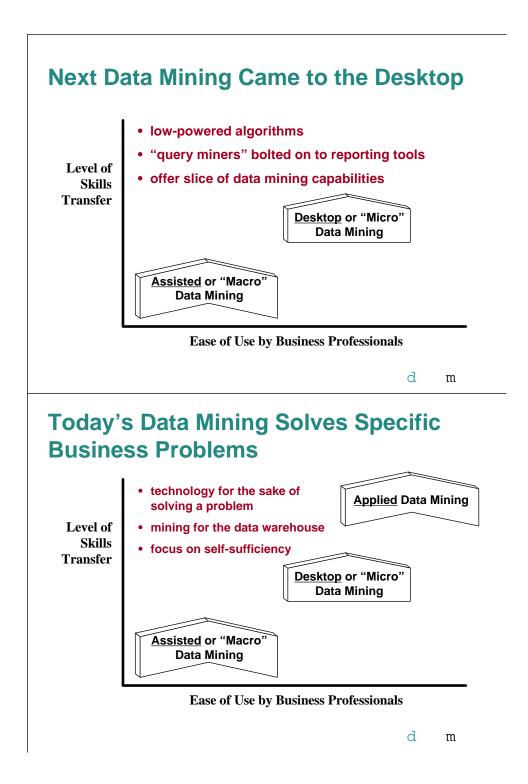
#### Anyone Who Needs to be Smarter About Your Customers!





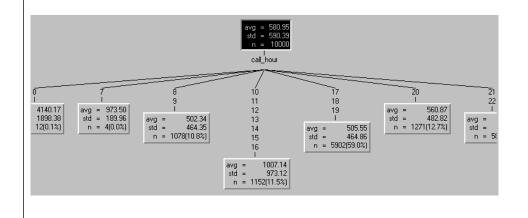






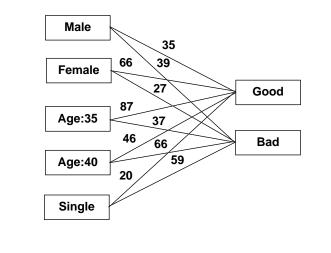


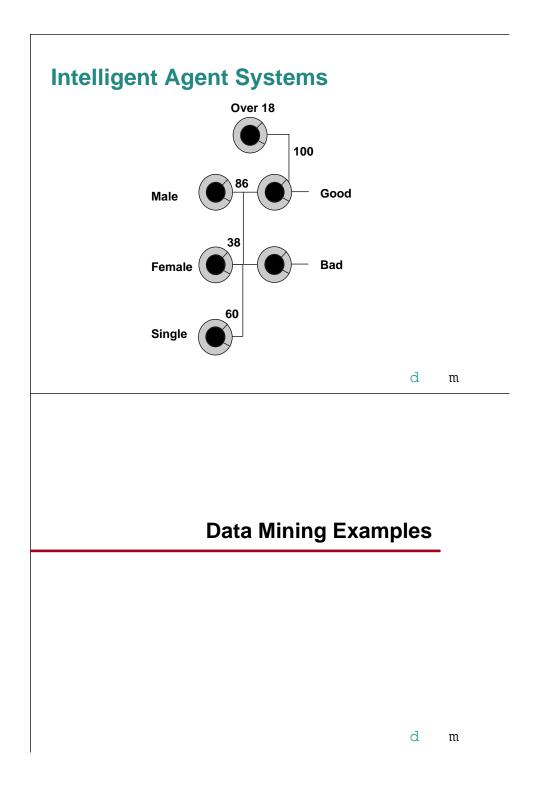
# **Decision Trees**



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# **Neural Networks**





# Automatic Data Processing (ADP)

- Dealer support division develops and sells turnkey systems for inventory management and service claim processing
- Corporate technical support center collects call data
- Use data mining to determine "successful" and "failure" support call characteristics

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# DataMind in Action: Canadian Wireless Provider

Objective: Gain a competitive edge through focused customer marketing

- Rate Plan Analysis for Market Segmentation
- > Early Adopter Profiling for PCS Migration
- > Dealer Customer Survey for Customer Profile
- Cross Selling for Revenue Growth

#### Summary

- Data mining is ready for prime time!
- Pick an application to focus on
  - Customer Life Cycle Planning
- Select an approach suitable to your business model
  assisted, desktop, or applied data mining
- Get the marketers involved and measure success