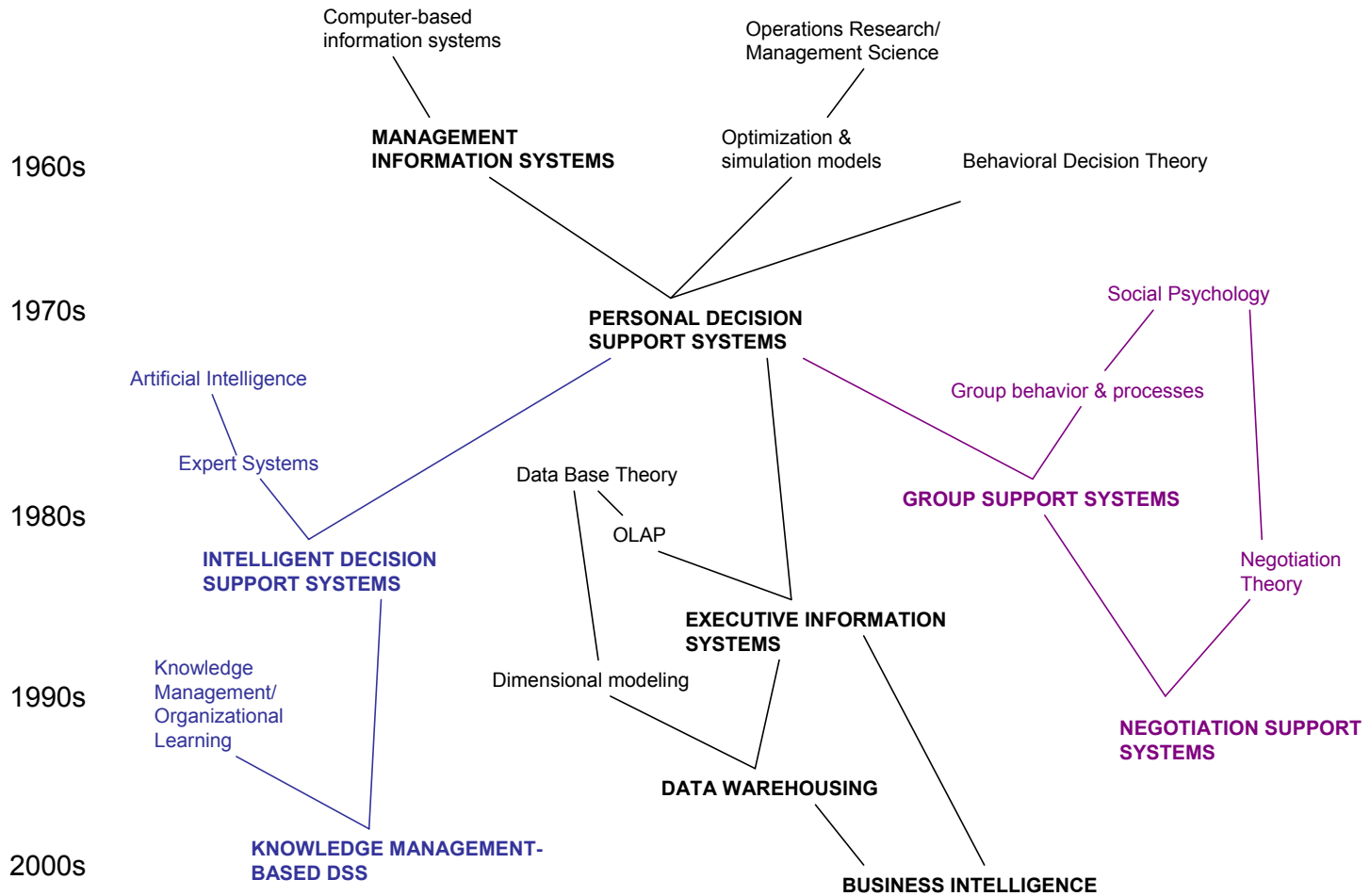




Centre for Business Intelligence & Decision
Support Research
CBIDSR

Decision Support

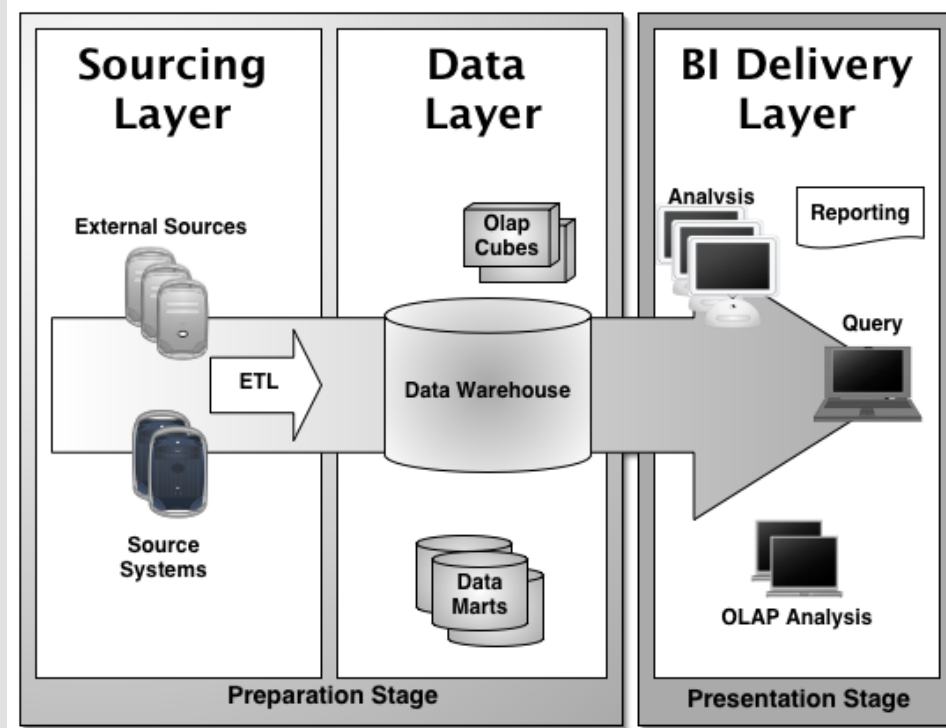
- Decision support systems (DSS) is the area of the information systems (IS) discipline that is focused on supporting and improving managerial decision-making.
- 1971
- Set of partially connected sub-fields



Business Intelligence

- BI is the data analysis and presentation layer that sits between the data warehouse and the executive decision-makers.
- Contemporary term for EIS
 - Data and model based
 - More analytics than classical EIS
 - Web delivery

A BI Framework



CBIDSR

- **The aim of the Centre will be to contribute to the development of individuals, organizations, and society through the improvement of strategic decision-making using information technology.**
- **CBIDSR**
 - “BI” has meaning to industry
 - “DS” has meaning to academe
- **January 2006**

Research Themes

- **Foundations**
 - Cognitive bias, rationality of DM, decision ethics, representation
- **Development Methodology**
 - Evolutionary development, spreadsheets
- **Decision Analysis**
 - Multi-criteria DS, adaptive systems & risk management,
- **Enterprise Systems**
 - CRM benefits, data quality impact, identity management
- **Management Support Practice**
 - CSF, IT governance, evaluation