# Lesson 6
# Business Intelligence

# Business Intelligence

- A process which enables a business service to extract new facts and knowledge and then undertake the better decisions

- The new facts and knowledge follows from the earlier results of data processing, aggregation and analysis of those results

# Business Intelligence

- Extract new facts and knowledge from Business Processes at Application layer (Fig. 5.2)

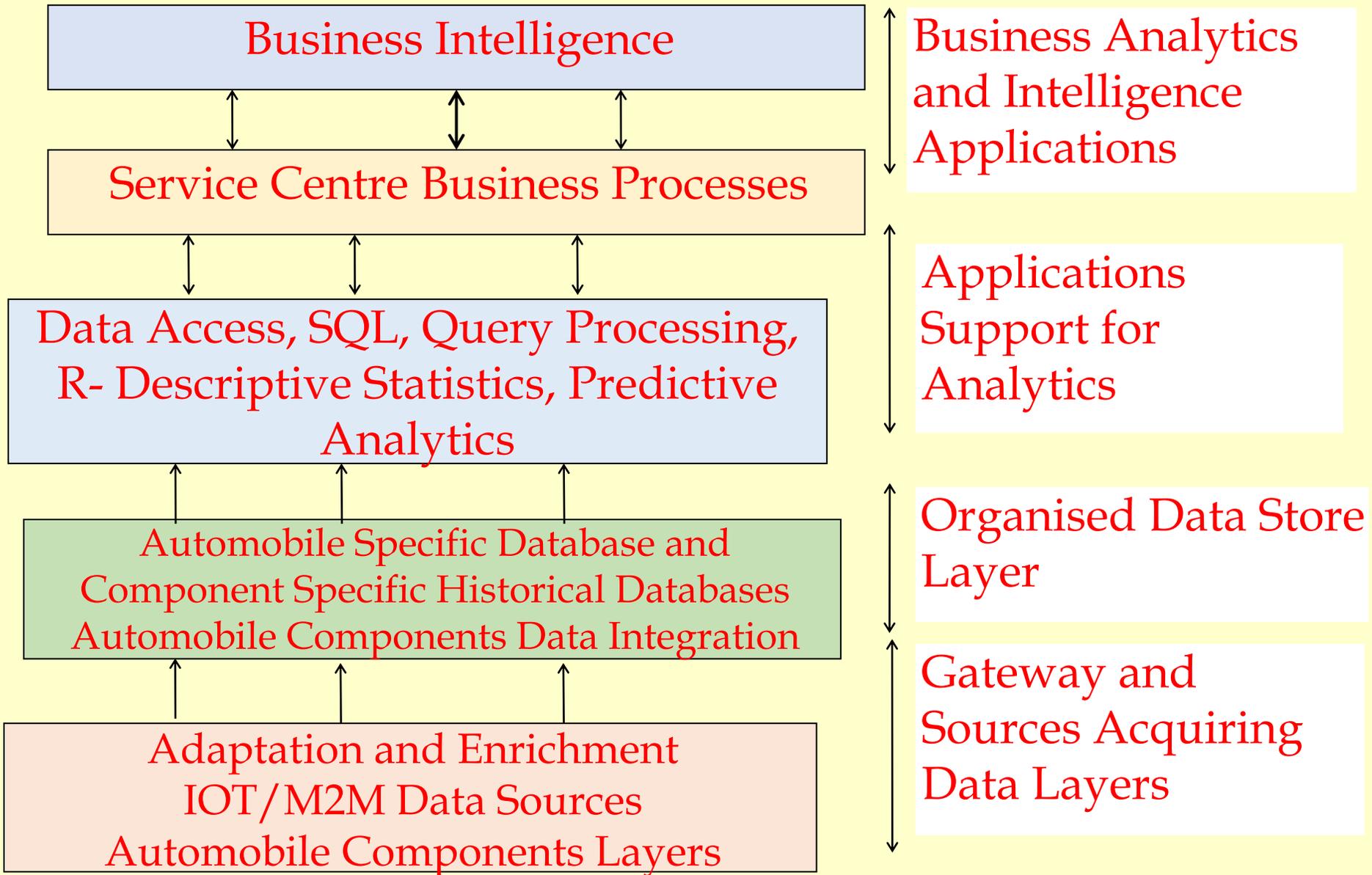- Example: Automobile Service Centre Business Processes

Fig. 5.2 Business Intelligence/Business Processes Architecture

# Business Processes

- Use the data Access, SQL, Query Processing, R-Descriptive Statistics, Predictive Analytics  at Application support layer

# Organised Data Store Sub Layer at Application Support Layer

- Example: Automobile Specific Database and
- Component Specific Historical Databases
- Automobile Components Data Integration

# Gateway and
# Sources Acquiring Data Layers

- Network  to Organised Data Store Sub Layer

- Adaptation and Enrichment, IOT/M2M Data Sources, Automobile Components data sub-layers

# Enterprise business Intelligence

- Processes move the results of analytics and knowledge from one physical node  to another in distributed business processes

# Summary

We learnt

- Business Intelligence: a process that enables a business service to extract new facts and knowledge and then undertake the better decisions

- Enterprise business intelligence