

Business Understanding	Data Understanding	Data Preparation	Modeling	Evaluation	Deployment
<b>Determine Business Objectives</b> Background Business Objectives Business Success Criteria  <b>Assess Situation</b> Inventory of Resources Requirements, Assumptions, and Constraints Risks and Contingencies Terminology Costs and Benefits  <b>Determine Data Mining Goals</b> Data Mining Goals Data Mining Success Criteria  <b>Produce Project Plan</b> Project Plan Initial Assessment of Tools and Techniques	<b>Collect Initial Data</b> Initial Data Collection Report  <b>Describe Data</b> Data Description Report  <b>Explore Data</b> Data Exploration Report  <b>Verify Data Quality</b> Data Quality Report	<b>Select Data</b> Rationale for Inclusion/Exclusion  <b>Clean Data</b> Data Cleaning Report  <b>Construct Data</b> Derived Attributes Generated Records  <b>Integrate Data</b> Merged Data  <b>Format Data</b> Reformatted Data  Dataset Dataset Description	<b>Select Modeling Techniques</b> Modeling Technique Modeling Assumptions  <b>Generate Test Design</b> Test Design  <b>Build Model</b> Parameter Settings Models Model Descriptions  <b>Assess Model</b> Model Assessment Revised Parameter Settings	<b>Evaluate Results</b> Assessment of Data Mining Results w.r.t. Business Success Criteria Approved Models  <b>Review Process</b> Review of Process  <b>Determine Next Steps</b> List of Possible Actions Decision	<b>Plan Deployment</b> Deployment Plan  <b>Plan Monitoring and Maintenance</b> Monitoring and Maintenance Plan  <b>Produce Final Report</b> Final Report Final Presentation  <b>Review Project</b> Experience Documentation

**Figure 3: Generic tasks (bold) and outputs (italic) of the CRISP-DM reference model**