

The Cross-Industry Standard Process for Data Mining “CRISP-DM”

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