This phase is the actual Data Mining task where We apply Modeling techniques on Data to answer our Question.This task comprises of following tasks.

**Task 1 Select Modeling Techniques:**

We will select the actual Modeling technique in this task .

For this project I am using Logistic Regression , Random Forest and Naïve Bayes for Modeling.

Output: Modeling technique and Modeling Assumptions.

**Task 2 Generate Test Design:**

Before We actually build a Model ,We need to generate a procedure or Mechanism to test the models quality and Validity

Output: Test Design.

**Task 3 Build Model:**

We build the model in this task on the prepared data set.

We will create one or more models to run on Data set to yield best results.

Output:

a.Parameter Settings.

b.Models

c.Model Description.

**Task 4 Assess Model:**

Interpret the models according to domain knowledge ,the data mining success criteria and the desired test design.

Output:

a.Model Assessment.

b.Revised Parameter Settings.