

CSSE 386 – Data Mining with Programming
 Rose-Hulman Institute of Technology

Worksheet 17

Name (Print): _____ Section: _____

Data Mining Course Knowledge Survey

Please rate your knowledge on the following topics before and after taking this course using a scale from 0 (No Knowledge) to 5 (High Level = comfortable implementing these techniques on your data):

Topic	Before Class (0-5)	After Class (0-5)
Data Pre-Processing		
Data Visualization		
Handling Missing Data		
Distance Metrics (L1, L2, cosine)		
K-means Clustering		
Hierarchical Clustering		
Regression Techniques		
Classification Techniques		
Linear Discriminant Analysis (LDA)		
Evaluation Metrics (MSE, ROC-AUC)		
Dimensionality Reduction (PCA)		
Recommendation Systems		
Using Python Libraries (Pandas)		
Using Python Libraries (Scikit-learn)		
Using Python Libraries (Matplotlib)		
Using Google Colab		
Using Kaggle		
Labs and Coding Assignments Reinforced Learning		

Table 1: Knowledge Survey Before and After Class