Correlation Matrix of all features Hours Studied $\frac{1}{2}$ 1.0 0.45 Attendance -1.0 Sleep Hours Previous Scores -0.17 Tutoring Sessions = 1.0 0.16 Physical Activity 1.0 1.0 0.16 0.17 Exam Score = 0.45 0.58 0.17 0.16 0.11 Parental Involvement -1.0 0.16 Access to Resources 0.17 Motivation Level -1.0 Family Income Teacher Quality -Parental Education Level -0.11 1.0 Peer Influence Extracurricular Activities No -1.0 -1.0 -1.0 1.0 Extracurricular_Activities_Yes -Internet Access No -1.0 -1.0 1.0 Internet Access Yes --1.0 Learning_Disabilities_No -1.0 -1.0 -1.0 1.0 Learning Disabilities Yes -School_Type_Private -1.0 -1.0 -1.0 1.0 School_Type_Public = Distance from Home Far -1.0 -0.22 -0.4 Distance_from_Home_Moderate = 1.0 -0.22 -0.8 Distance_from_Home_Near --0.8 1.0 ---Hours_Studied Sleep_Hours Tutoring_Sessions Parental_Involvement Motivation_Level Parental_Education_Level Attendance Previous_Scores Physical_Activity Exam_Score Access_to_Resources Family_Income Peer_Influence Extracurricular_Activities_No Extracurricular_Activities_Yes Internet_Access_No Internet_Access_Yes Learning_Disabilities_No Learning_Disabilities_Yes School_Type_Private School_Type_Public Distance_from_Home_Near Teacher_Quality Distance_from_Home_Moderate Distance_from_Home_Far

