Use the equation of a linear model to make predictions about the data 26 Use the data sets for practicing linear regression. Theater ticket sales on successive nights Patrons (p) Reverue (R) 32 480 33 495 40 600 81 1215 a) Derive a linear model for the data, rounding to the thousandth Use the linear model to predict revenue if 121 patrons attend. b) What is the value of the correlation coefficient? In general, what do correlation coefficient values this data in particular?

