Regression Data Description:

*Sheet 1:*

* Column 1: x data
* Column 2: y data
* Description: Linear fit, no y-intercept

*Sheet 2:*

* Column 1: x data
* Column 2: y data
* Description: Linear fit, no y-intercept

*Sheet 3:*

* Column 1: x data
* Column 2: y data
* Description: Linear fit

*Sheet 4:*

* Column 1: x data
* Column 2: y data
* Description: Linear fit

*Sheet 5:*

* Column 1: x data
* Column 2: y data
* Description: Linear fit

*Sheet 6:*

* Column 1: x data
* Column 2: y data
* Description: Quadratic fit

*Sheet 7:*

* Column 1: x data
* Column 2: y data
* Description: Power fit

*Sheet 8:*

* Column 1: x data
* Column 2: y data
* Description: Exponential fit

*Sheet 9:*

* Column 1: x1 data
* Column 2: x2 data
* Column 3: x3 data
* Column 4: x4 data
* Column 5: y data
* Description: Linear fit

*Sheet 10:*

* Column 1: x1 data
* Column 2: x2 data
* Column 3: x3 data
* Column 4: x4 data
* Column 5: y data
* Description: Linear fit

**Task:** Explore the data sets attached in R and use Regression to fit an appropriate model to each data set. Use various metrics (scoring schemes) to minimize to find an appropriate fit for the data. Model description is given for each data set. Some data sets will perform differently under different metrics, assess the general performance of each metric on the data sets provided.