1. **Calories \_Consumed- Simple Linear Regression is the best model**

#Res\_log1 R Sq Value is .8776 and RMSE is 118.04

#reg\_log R Sq Value is .8077 and RMSE is 141.00

#Polynomial with 2-degree R Sq Value is .8776 and RMSE is 117.41

**#Linear Model R Sq value is .8968 and RMSE is 232.83**

1. **Delivery\_time - Polynomial with 2 degree it the best model**

**#Polynomial with 2-degree R Sq Value is 0.7649 and RMSE is 2.799042**

#log(y) Model R Sq Value is 0.7109 and RMSE is 2.94025

#log(x) Model R Sq Value is 0.6954 and RMSE is 2.733171

#Linear Model R Sq is 0.6823 and RMSE is 2.79

1. **Emp\_data - Polynomial with 2 degree is the best model**

#Linear Model R Sq Value is 0.8312 and RMSE is 3.99

#log(x) Model R Sq Value is 0.8486 and RMSE is 3.78

#log(y) Model R Sq Value is 0.8735 and RMSE is 3.54

**#Polynomial with 2-degree R Sq Value is 0.9836 and RMSE is 1.32**

1. **Salary\_hike – Linear Model is the best model**

**#Linear Model R Sq Value is 0.957 and RMSE is 5592.044**

#log(x) Model R Sq Value is 0.8539 and RMSE is 10302.89

#log(y) Model R Sq Value is 0.932 and RMSE is 7213.235

#Polynomial with 2-degree R Sq Value is 0.9486 and RMSE is 5391.082