

CS571 ASSIGNMENT-07

Linear Regression

b)Parameters of Model:

Intercept: 13.835629909636395
Coefficient (Slope): 1.339714757684125

c)For Given Dataset:

Companies which should not circulate based on the Threshold value are:

Newspapers that should not circulate for Minimum Sales:

ALL papers will circulate based on minimum value threshold.

Newspapers that should not circulate for Maximum Sales:

- Baltimore Sun
- Boston Globe
- Boston Herald
- Charlotte Observer
- Chicago Sun Times
- Chicago Tribune
- Cincinnati Enquirer
- Denver Post
- Des Moines Register
- Hartford Courant
- Houston Chronicle
- Kansas City Star
- Los Angeles Daily News
- Miami Herald
- Minneapolis Star Tribune
- New Orleans Times-Picayune
- New York Daily News
- Newsday
- Omaha World Herald
- Orange County Register
- Philadelphia Inquirer
- Pittsburgh Press
- Portland Oregonian
- Providence Journal-Bulletin
- Rochester Democrat & Chronicle
- Rocky Mountain News
- Sacramento Bee
- San Francisco Chronicle
- St. Louis Post-Dispatch
- St. Paul Pioneer Press
- Tampa Tribune
- Washington Post

Newspapers that should not circulate for Average Sales:

- Baltimore Sun
- Boston Herald
- Charlotte Observer
- Cincinnati Enquirer
- Denver Post
- Des Moines Register
- Hartford Courant
- Kansas City Star
- Los Angeles Daily News
- New Orleans Times-Picayune
- Omaha World Herald
- Orange County Register
- Pittsburgh Press
- Portland Oregonian
- Providence Journal-Bulletin
- Rochester Democrat & Chronicle
- Rocky Mountain News
- Sacramento Bee
- St. Louis Post-Dispatch
- St. Paul Pioneer Press
- Tampa Tribune

For Test DataSet:

Newspapers that should not circulate for Minimum Sales:

All Papers will circulate based on minimum value threshold.

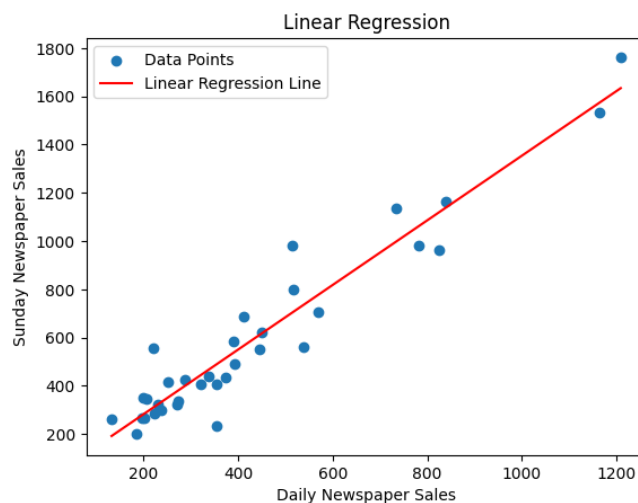
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This is the plot for the Dataset Points and the linear Regression.



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