

ASSIGNMENT-7: Linear Regression

1) Final parameter values of the linear regression model –

Observation –

Model Parameters

Slope $m = 1.3629997737529687$

Intercept $b = 3.8006618569208968$

2) Names of companies who should not circulate their Sunday edition –

Observation –

Companies to Exclude from Sunday Edition

Circulation:

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
Los Angeles Times
Miami Herald
Minneapolis Star Tribune
New Orleans Times-Picayune
New York Daily News
New York Times
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

3) Plot the data and the predicted regression curve that fits the data.



