DATA SCIENCE WITH R

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REGRESSION ANALYSIS

Overview

Simple Linear Regression

Multiple Linear Regression

Regression Assumptions

Implementation in SAS

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Regression

SIMPLE LINEAR REGRESSION

- ✓ Concepts - OLS
- ✓ **How to Run**
- ✓ Interpret Results

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OLS Regression

Using the birtweight dataset, run a simple regression in Excel:

- Choose Tools, Data Analysis, Regression
- Specify the Input Y range – This is the dependent variable, birtweight
- Specify the Input X Range – Independent variable, gestation period
- Run

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To Be Continued

Regression Analysis

Simple Linear Regression

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THANK YOU

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