



ACADGILD

SESSION 17: R FOR BUSINESS ANALYTICS (CONTD.)

Assignment 1

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1. Introduction

This assignment will help you understand the concepts learnt in the session.

2. Objective

To understand the concepts in R.

3. Prerequisites

Not applicable.

4. Associated Data Files

N/A

5. Problem Statement

Use the below data find the relationship between age (in months) and height (Average height in cm)

- age=16:27
 - height=c(61.1,61.2,61.8,62.8,63.5,76.1,77,78.1,78.2,78.8,79.7,79.9)
- 1) check that age and height have the same number of elements
 - 2) Create a scatterplot to determine the relationship between age and height
 - 3) Create a "linear model" to fits the data above
 - 4) Find the equation of the line of best fit

6. Expected Output

N/A

7. Approximate Time to Complete Task