Introduction to Data Science and AI, Sofia, 2023

Assignment 2: Introduction to Data Science and AI

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Introduction

The assignment is about implementing Python code that finds a linear regression model that relates the living area to the selling price of villas in Landvetter that were sold in the last 12 months. The data used for this was downloaded from www.hamnet.se.

Running the program

See the program's "README.md" in the main program directory.

Questions in the assignment

1. What are the values of the slope and intercept of the regression line?
2. Use this model to predict the selling prices of houses which have living area 100 m2 , 150 m2 and 200 m2 .

The answers to both are printed when running the app.

Residual plot