Overview of Polynomial Regression Example

Dataset Link:

<https://www.kaggle.com/arunabhagupta/polynomial-regression-position-salaries>

Dataset Content:

This dataset contains 3 columns. The first one contains information about the job positions, the second one about the level of positions and the third one the salaries.

Problem:

We are working as HR managers and we would like to know how much money prospective employees earned on their previous positions in order to make attractive offers.

Solution:

We want to develop a regression model using Polynomial Regression algorithm which allows us to predict the salary of prospective employees based on their previous job position level.

Variables:

Independent variables/ Predictors🡪 Level of previous job position

Dependent variable/Outcome Variable 🡪 Salary