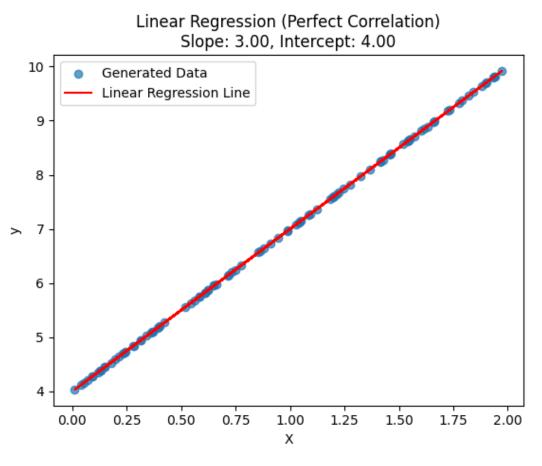
Machine learning algorithms: Practice 3.

Core methods: Covariance and correlation. Linear regression.

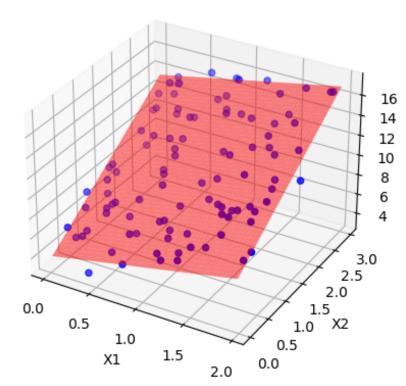
> Alexandr Gavrilko MLA Course for CS-2227

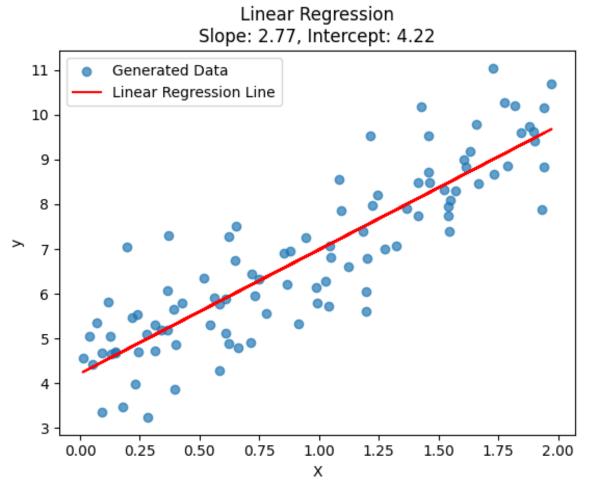
Watch the video about Linear regression

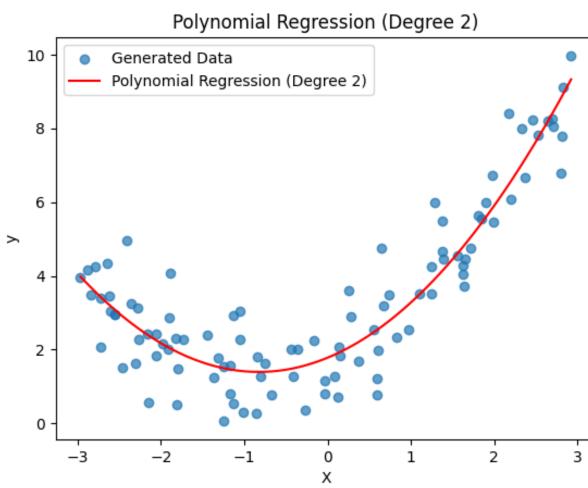
Different examples of regression



3D Linear Regression Intercept: 3.91, Coeff1: 1.83, Coeff2: 3.24

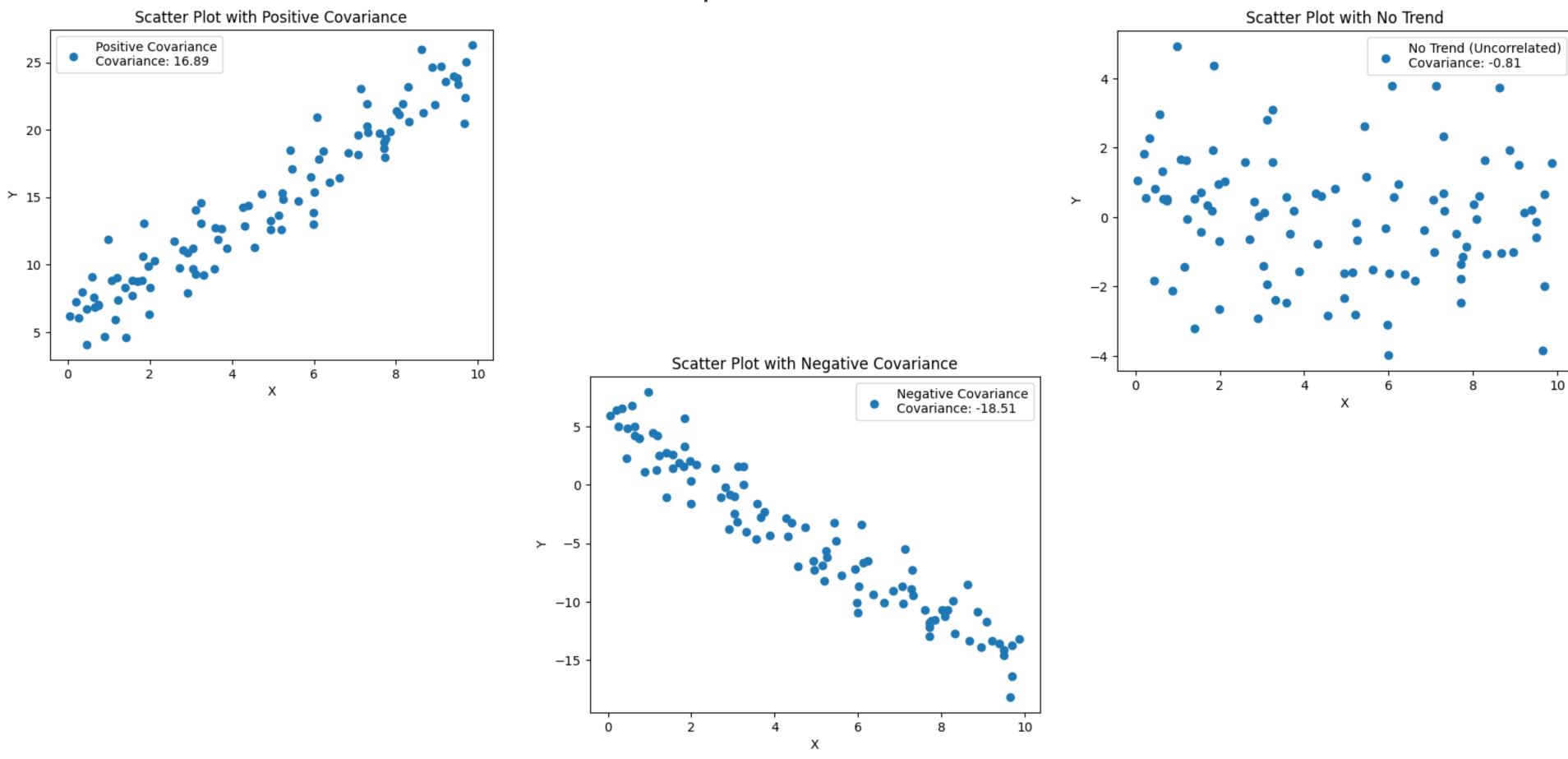






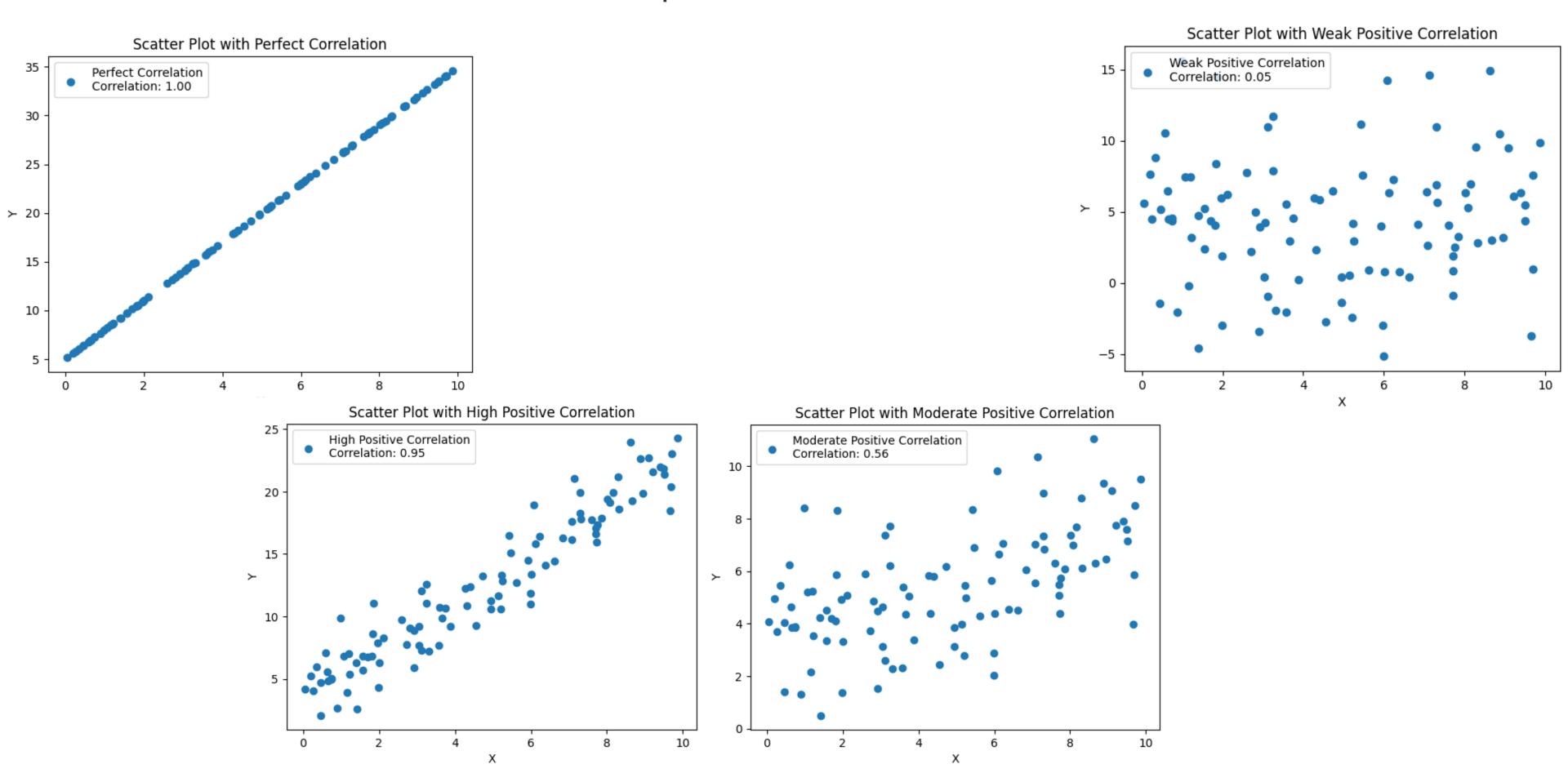
Watch the video about Covariance

Different examples of covariance trends



Watch the video about Correlation

Different examples of correlation estimation



More practical example of correlation estimation between each pair of attributes in dataset - Correlation Matrix Heatmap

