Overfitting Demonstration: Polynomial Regression Degree 1 Train MSE: 0.30 | Test MSE: 0.34 2.0 Train data 1.5 Test data 1.0 0.5 0.0 -0.5 -1.0-1.5-2.0 1 2 3 0 4 5 Degree 4 Train MSE: 0.08 | Test MSE: 0.08 2.0 Train data 1.5 Test data 1.0 0.5 0.0 -0.5 -1.0-1.5-2.0 1 2 0 ż 4 5 Degree 15 Train MSE: 0.06 | Test MSE: 0.11 2.0 Train data 1.5 Test data 1.0 0.5 0.0 -0.5-1.0 -1.5-2.05 3 0