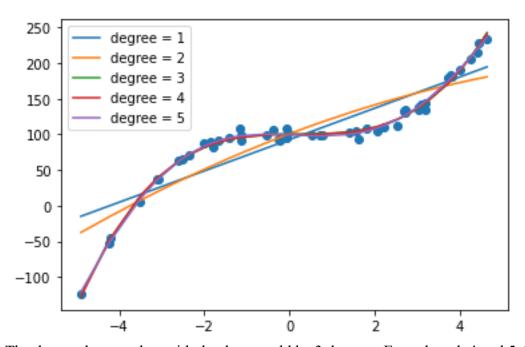
Problem 1:

3)



The degree that matches with the data would be 3 degrees. Even though 4 and 5 degrees also presents itself as a good match, they are less desirable when compared to 3 degrees because it has an unnecessary number of degrees.

4) 109.79