In-Class-3

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1. For the distribution of data shown in the graphs to the right, a and b, would you use linear or polynomial regression?

   For Fig a – Polynomial Regression

   For Fig b – Linear Regression

2. B0 = 0.2
   B1 = 0.1
   B2 = 0.05

   x1 = Petal-length = 5.1
   x2 = Petal-width = 1.8

   Y = B0 + B1.x1 + B2.x2
   = 0.2 + 0.1*5.1 + 0.05*1.8
   = 0.2 + 0.51 + 0.09
   = 0.8
   = round (0.8)
   = 1

   Expected value of Variety of Iris = 1 = Iris-setosa