

Ubiquitous Computing
Spring 2017
Homework No. 5
(Due on May 22)

(* In your answer you must NOT copy paragraphs from other references, but answer by yourself in short phrases instead of complete sentences.)

1. In feature engineering, too much feature engineering can lead to overfitting. What is the meaning of overfitting? (10)
2. For the Bayesian inference example, assume that the given data are “fly, love, fun”. What is the label of data? (20)
3. Find the hypothesis function using the least square technique when the three points are (1,2), (2,4), (3,3). (20)