

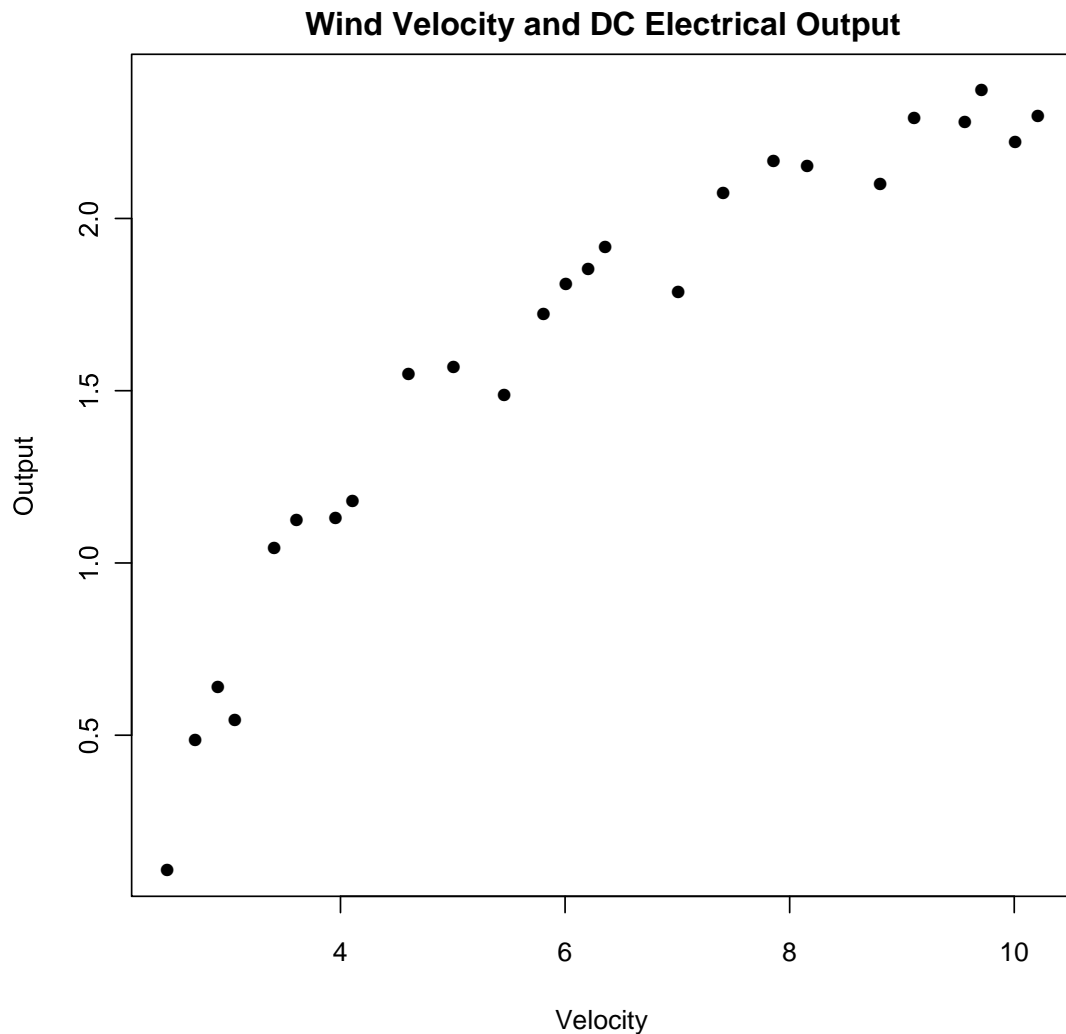
# The University of British Columbia

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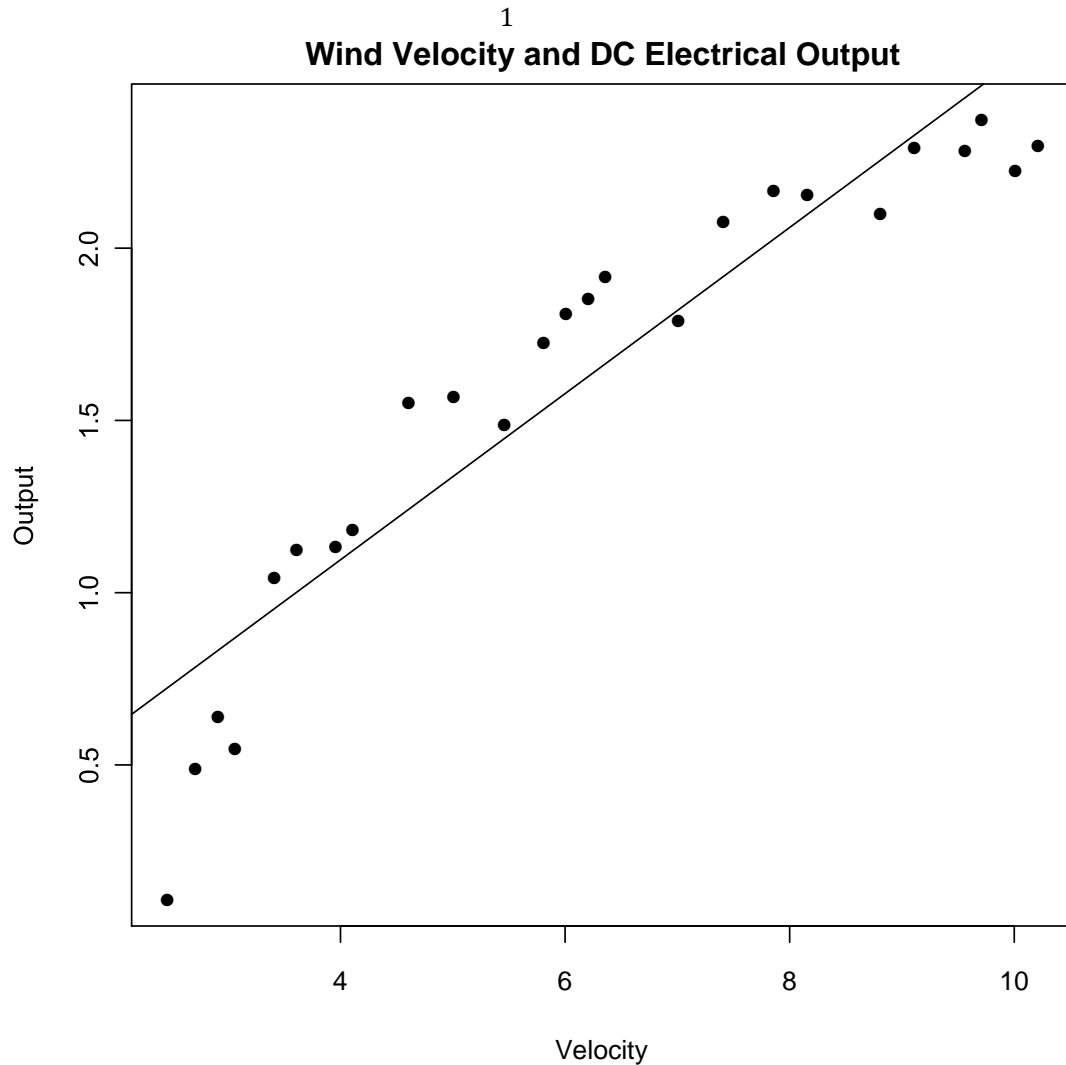
DATA 101

Lab 5 Part 2 Solution

1. Copy the file windmill.txt (windmill data) to a folder on your computer. This file contains observations on wind velocity and the corresponding DC electrical output.
  - (a) Construct a graph which effectively displays the information in this data set.



- (b) Find the best fit line for electrical output is produced by the wind velocity. And add this line in the plot you draw in previous question.



2. Using data cuckoos that contains observations on the lengths and breadths of cuckoo eggs left in the nests of various other bird species. Construct the following two sets of graphs. Note that in the second set of graphs, the respective lines are least-squares lines obtained using the `lm()` function.

