**Learning From Data Problem 2.24**

A screenshot of a cell phone

Description automatically generatedIn the experiment, we use K = 100000 (number of data D) and Q = 100000 (used to calculate bias, var, and Eout)

The result is:

bias = 0.2004

var = 0.3337

Eout = 0.5336

Notice that Eout is roughly equal to bias+var