MSc Data Mining

Topic 01 : Module Overview

Part 02 : Pre-Start Lab - Feedback

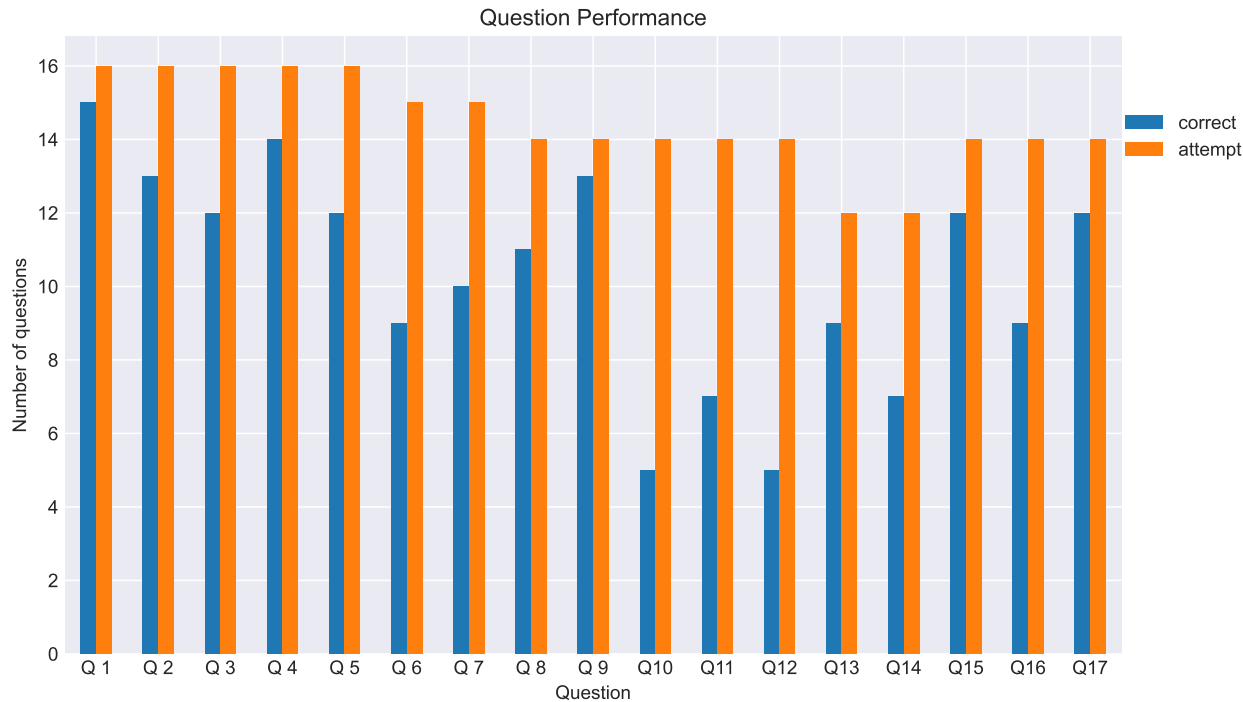**Dr Bernard Butler and Dr Kieran Murphy**

Department of Computing and Mathematics, SETU Waterford.
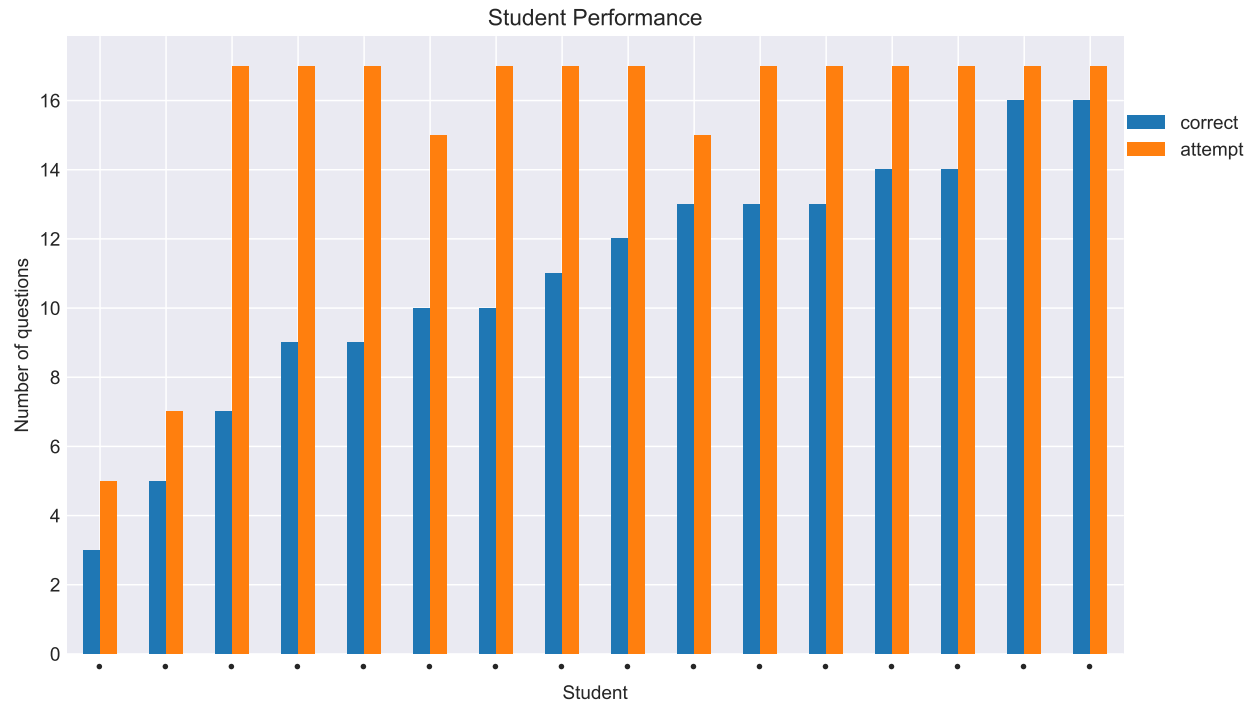(bernard.butler@setu.ie; kmurphy@wit.ie)

Spring Semester, 2023

Outline

- Question and student performance

Question Performance

Question Performance

- ✔ Q1–Q5 were well answered — basic descriptive statistics.
- ● Q6 dealt with IQR and outliers — both less common statistical concepts.
- ✘ Q7 dealt with distribution shape.
- ✔ Q8 & Q9 were well answered — common statistical metrics.
- ✘ Q10–Q12 were based on percentage tip. Main mistakes here was not computing percentage tip, so for example Q11 most coommon wrong answer was 1.
- ✘ Q12 Main issue was filtering to match criteria.
- ✘ Q13 & Q14 asked for a probability, wrong answers suggest we need to cover core concepts. See additional notes.
- ✔ Q15–Q17 were based on grouping data, well answered for given level of difficulty.

Student Performance

✔ Most attempted all questions — this is nearly always a good idea, even with negative marking.

✔ Average grade was 64%.

✔ Overall, the performance is good — you are not expected to know everything at this stage.