

CSC8631 Presentation

Do learners have a higher chance of success the more data they share with FutureLearn?

What is FutureLearn?

FutureLearn is:

- a Massive Open Online Course (MOOC) provider;
- interested in improving learning effectiveness; and
- an excellent source of learning analytics.

What is our focus today?

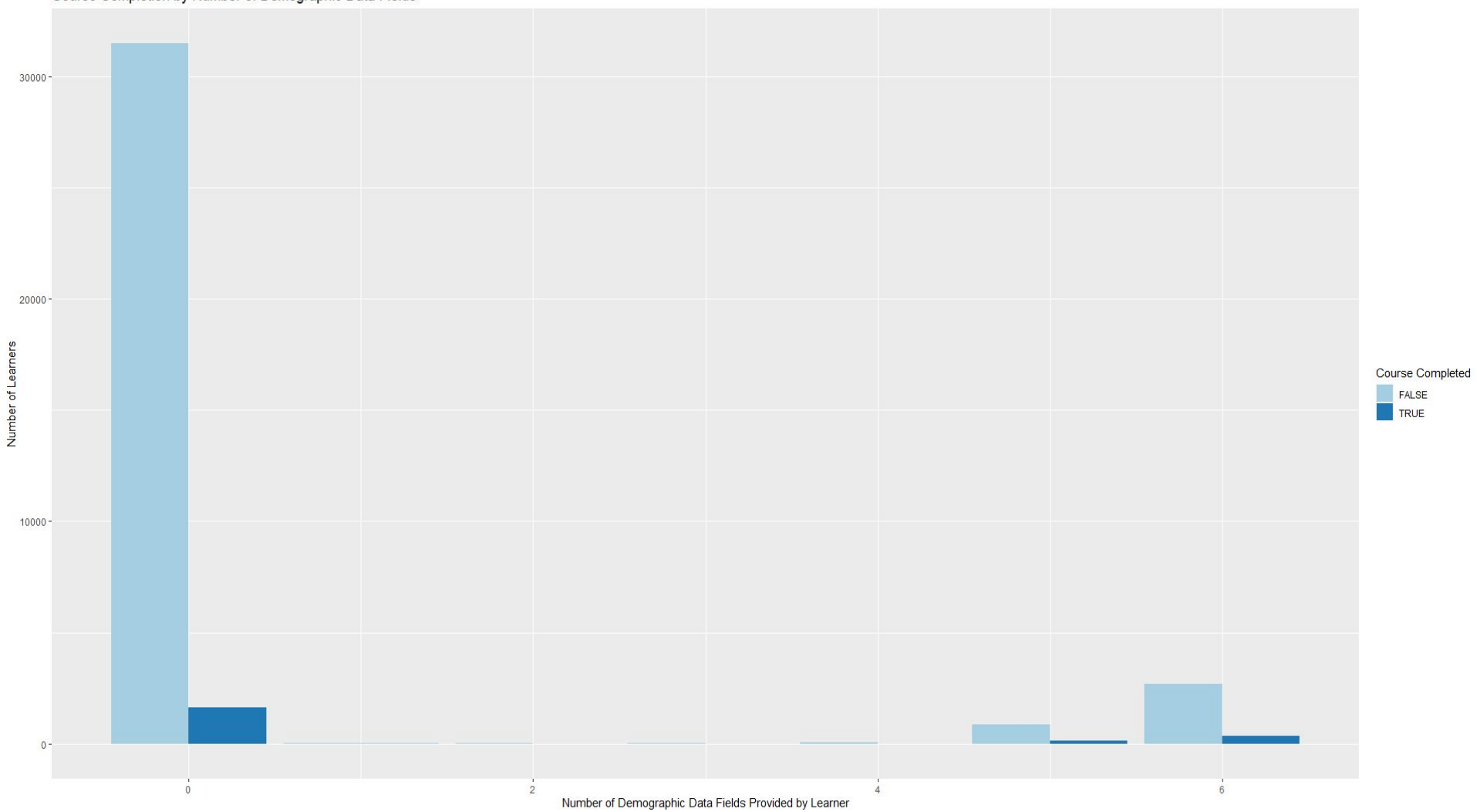
Today, our analysis is:

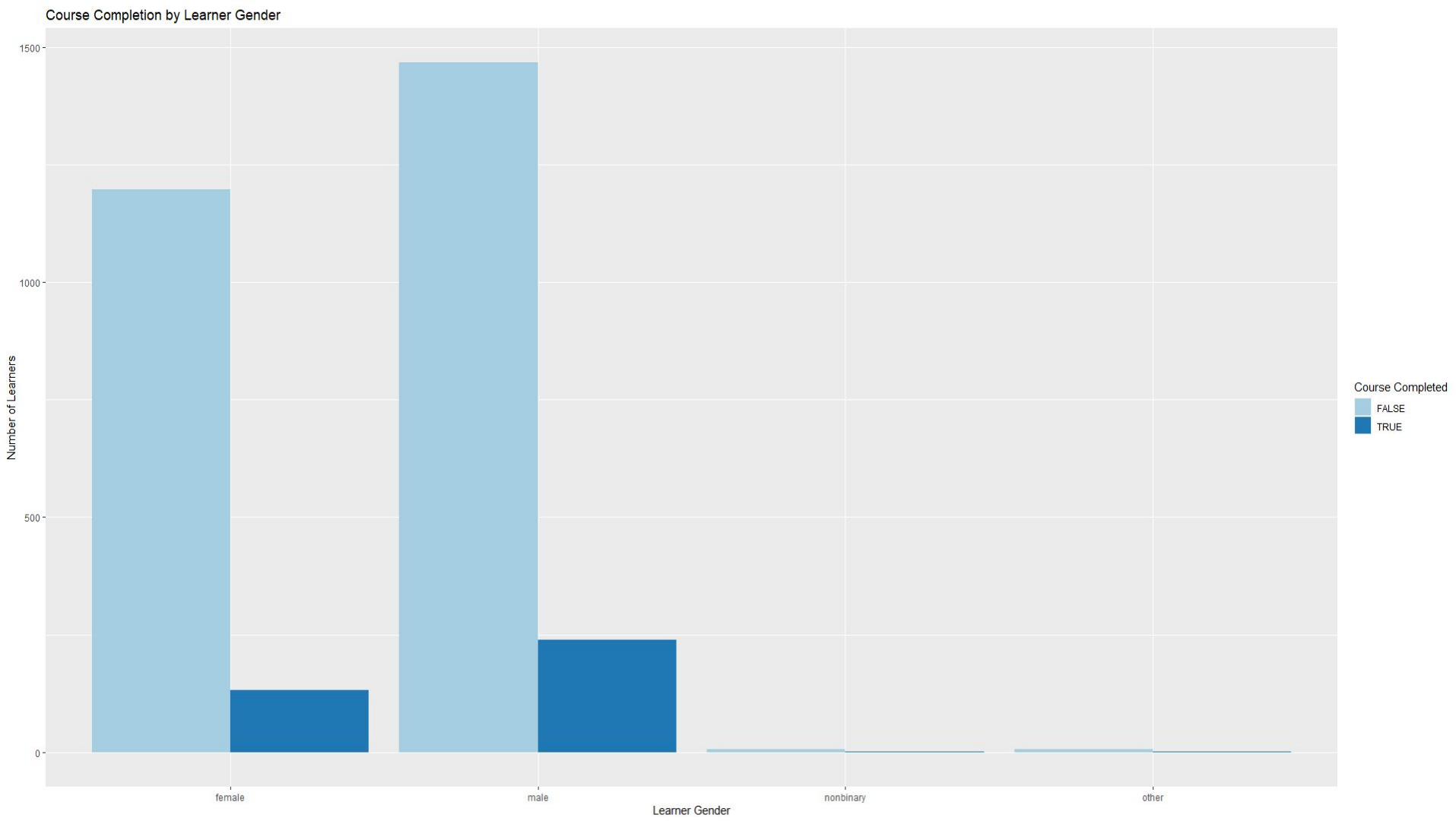
- for Newcastle University's Cyber Security course;
- in the enrolment data sets; and
- focused on learner engagement and learner success rate.

What analysis has been done?

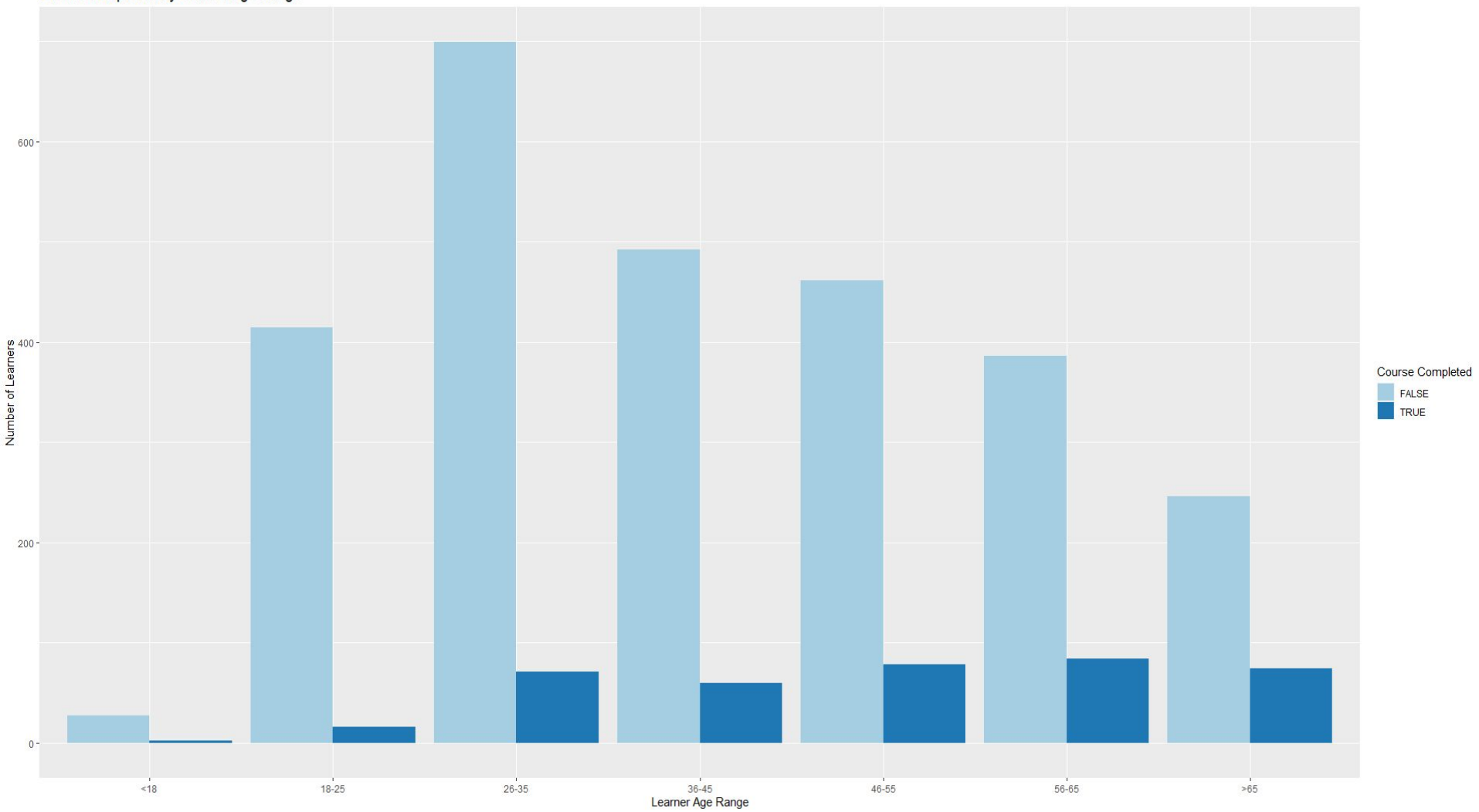
- There are 37,296 learners in seven runs of the course.
- These learners have a success rate of 5.78%.
- If these learners provide demographic data, the success rate is 12.53%.
- If these learners do not, their success rate is 4.92%

Course Completion by Number of Demographic Data Fields

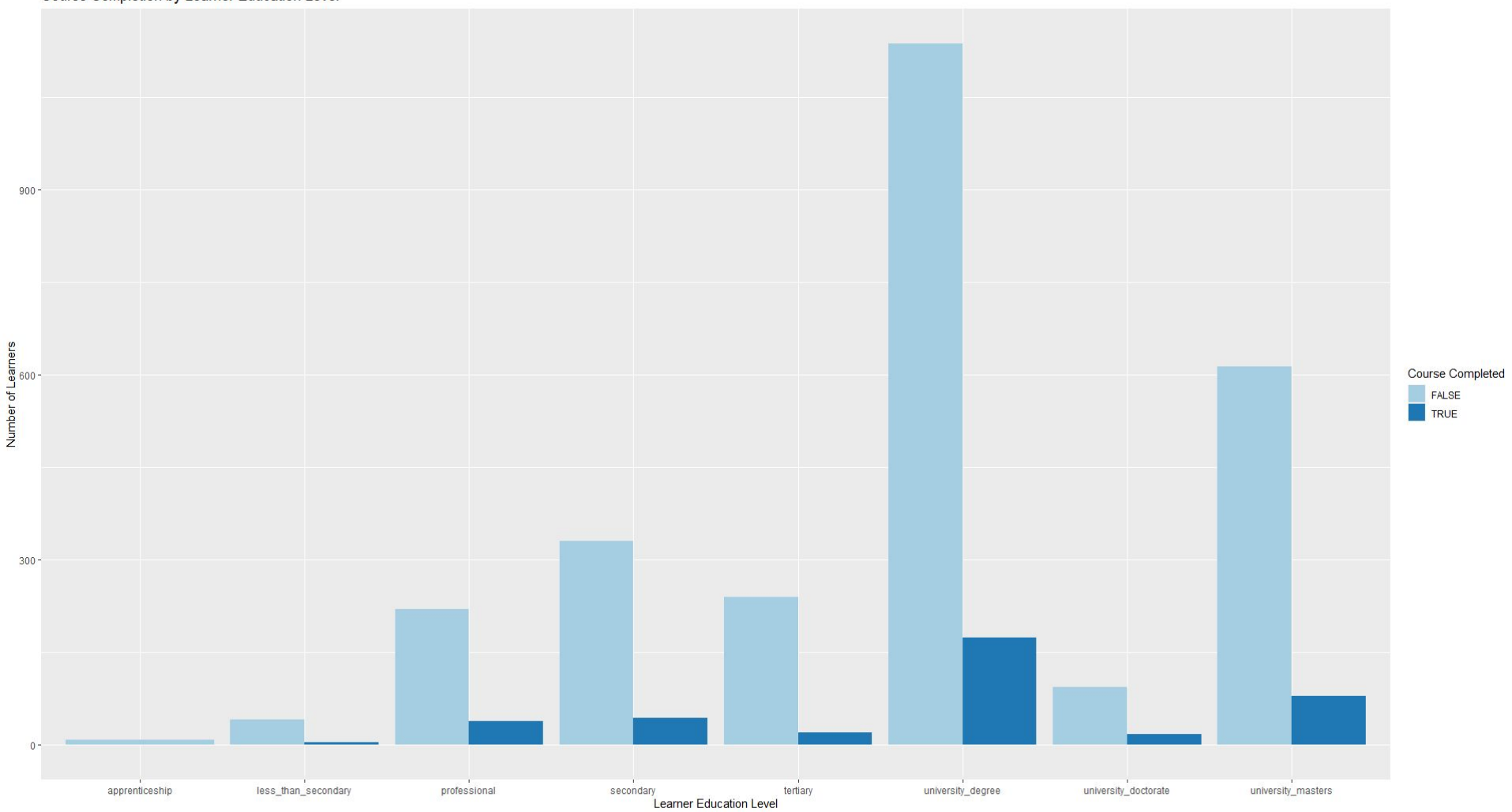


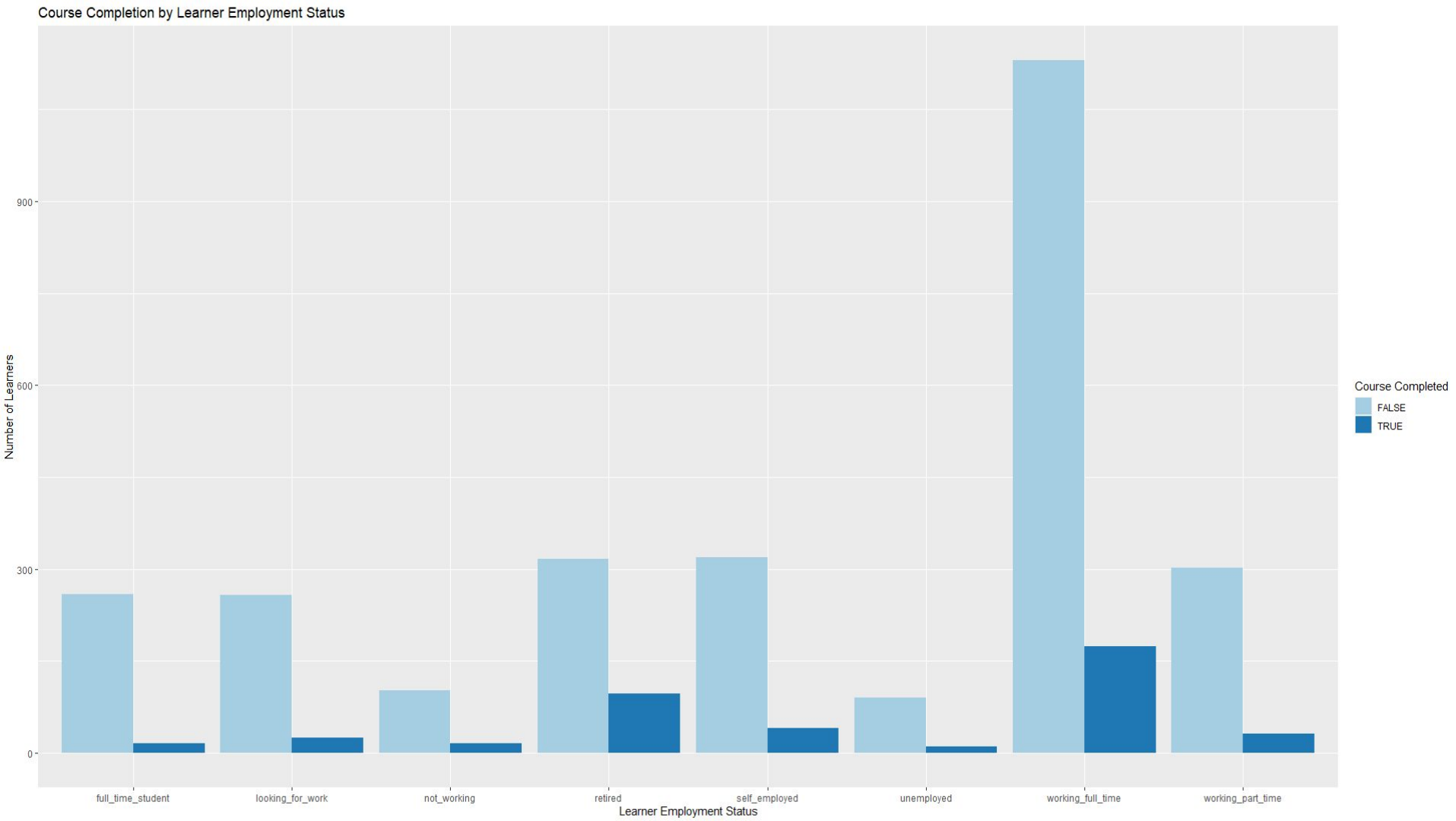


Course Completion by Learner Age Range

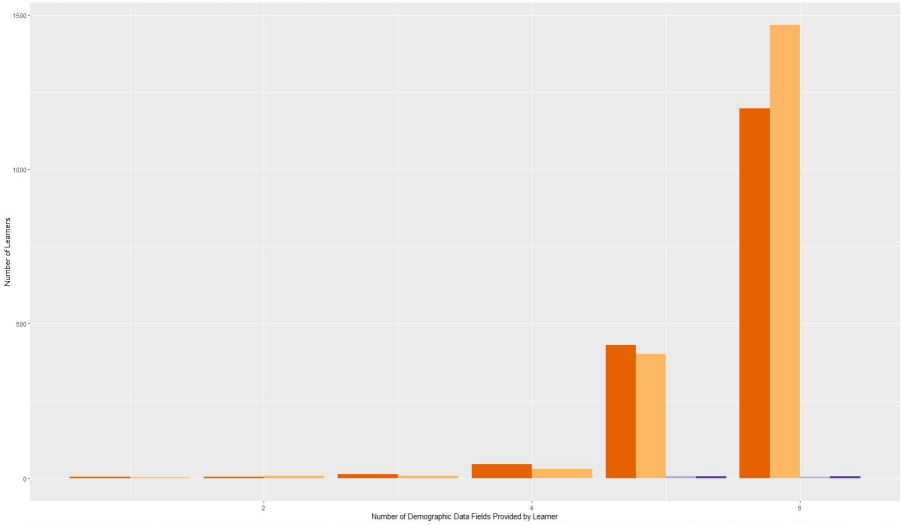


Course Completion by Learner Education Level

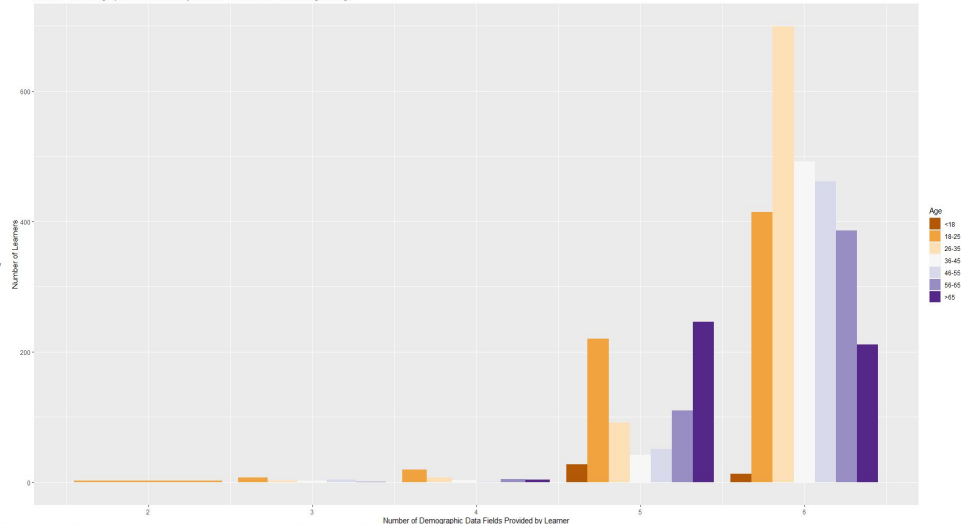




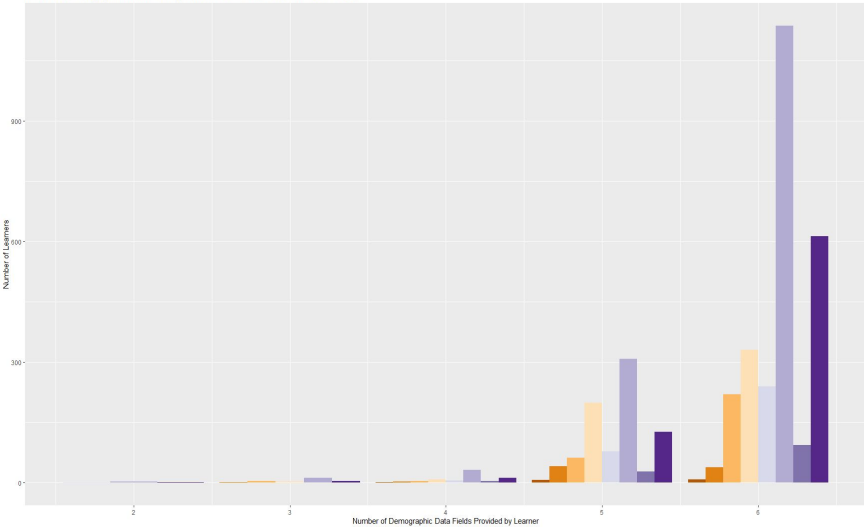
Number of Demographic Data Fields by Number of Learners of Each Gender



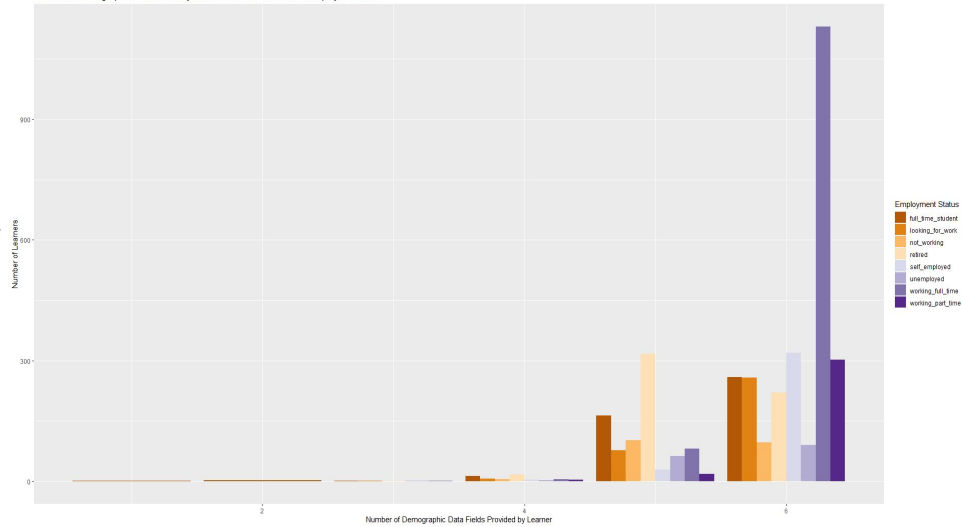
Number of Demographic Data Fields by Number of Learners of Each Age Range



Number of Demographic Data Fields by Number of Learners of Each Education Level



Number of Demographic Data Fields by Number of Learners of Each Employment Status



Why is this important?

The findings of this analysis help us:

- understand learners' success rate;
- learn about the impact of learners providing demographic data; and
- identify further areas for exploration to improve learning effectiveness.