

Report1 Instructions

(1) Collaboration

Decide whether you are going to do the report alone or with someone in your tutorial class. Working as a pair helps to develop the skill of collaboration and usually improves the result.

(2) Source Data

Find a data set that you are interested in, ideally something related to your major or potential career. Often a larger data set is more interesting, but dealing with small data sets is also an important skill. This can take many hours. It usually helps to search by the subject (eg Breast Cancer) and file type (eg .csv).

(3) Import your Data into R

See the Intro Tute for different methods. You must use R for your analysis.

(4) Do Exploratory Data Analysis

Using the techniques in Topics1-3, extract variables you are interested in, and explore your data.

(5) Fill out Template (Written Report)

Fill out the Template. Then attach your RCode (commands) and Data as pages 2 and 3. Save the whole file as a PDF. Name the file by the subject (eg BreastCancer.pdf). You will lose a mark for not using the Template and for going over the 1 page limit.

Page1: Template (including relevant R output)

Page2: RCode (Commands)

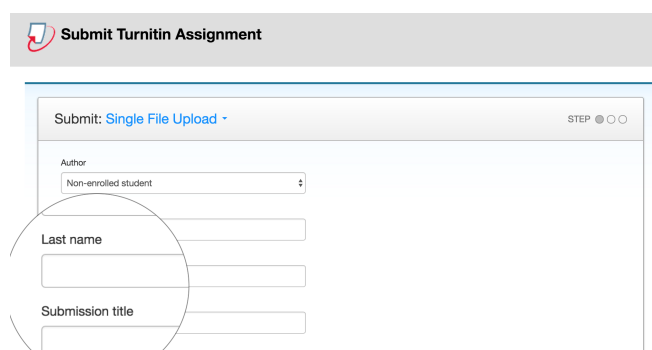
Page3: Data

(6) Produce a presentation (Verbal Report)

Using your Written report as a guide, produce slides for presentation to your tutorial class. The content of the Verbal Report does not have to be the same as the Written Report - choose whatever is interesting for your class. Save the file as a PDF. Name the file by the subject (eg BreastCancer-Presentation.pdf).

(7) Submit both PDFs in Turnitin

Submit your PDFs in Turnitin, using the file title as the Turnitin title. If you work as a pair, both students need to individually submit the same PDFs of the Verbal and Written Reports through Turnitin. No other form of documents (eg .docx, .pptx) will be marked.



(8) Present in your class

Your tutor will access your presentation file in Turnitin and put it on the big screen. You cannot bring your file on a USB. The Verbal Report is 2 mins long (with strict maximum of 2.5 mins). If the Verbal Report is presented as a pair, then both students must be part of the presentation (whether speaking or operating the slides).

Marking Scheme for Verbal Report

1 mark: Student(s) presents the Report with PDF.

1 mark: Student(s) explains an appropriate presentation of the data.

1 mark: Student(s) explain the motivation for the Report (eg impact or usefulness).