**Report 1**

**Part 1: Course exercises**

1.1:

1.2:

1.3:

1.4：

1.5：

2.1:

2.2:

2.3:

2.4：

2.5：

3.1:

3.2:

3.3:

3.4：

3.5：

4.1:

4.2:

**Part 2:**

**Please watch the video again and summarize what you learn from the video, and discuss what is data analysis in your opinion.**

**Part 3:**

**Research on the internet to investigate commonly used data analysis tools, software, packages, etc. Select at least 3 data analysis tools of your choice and summary their advantages and disadvantages in a table.**

Example:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Tool | Pros | Cons | Comments |
| 1. | A | 1. XXX 2. XXX | 1. XXX | XXXXX |
| 2. | B | 1. XXX | 1. XXX 2. XXX 3. XXX | XXXXXX |
| 3. | C | … | … | … |
| 4. | … |  |  |  |