



SCS 3216

Research Methods

Tutorial 08



In this continued tutorial, we will build upon the progress made so far. Up until now, you have successfully identified research questions and corresponding data sources for three scenarios. Your next step was to create a one-page write-up justifying the relevance of the chosen data sources and explaining how you intend to utilize them. In this justification, you were asked to consider essential aspects, such as data quality, validity, credibility, potential biases, security, privacy, data compatibility, and ethical considerations related to the data collection process.

Today, your primary objective is to establish clear and specific objectives based on the previously defined research questions for each of the three scenarios. Once you have identified these objectives, your task is to ensure that the one-page write-up aligns cohesively with these defined objectives. If there is any contrast, be prepared to make necessary adjustments to ensure a seamless connection between your objectives and the justification of data sources.

From last week's tutorial.

Scenario 2

During the pandemic, university students have faced challenges that have led to feelings of depression. However, online teaching has also brought some positive aspects. It has provided flexibility and convenience, allowing students to adapt their learning schedules. Online platforms have facilitated collaboration and engagement, fostering connections and active participation. While these benefits exist, it is important to address the mental health concerns of students and provide support to ensure their well-being.

Scenario 3

In the education system, exams like A/L, O/L, and Scholarship Exams are seen as crucial for future success. However, there is an ongoing debate about whether these exams truly determine a person's achievements in life. This raises questions about the actual impact of an exam-based education system. While exams measure academic knowledge, they may not fully reflect an individual's unique talents and potential. Moreover, the intense focus on exams can have negative consequences, including increased stress, anxiety, and mental disorders among students. By reconsidering the education system and valuing practical skills, critical thinking, and creativity, we can better equip students for success beyond exam scores while prioritizing their mental well-being.

Scenario 4

In Sri Lanka, researchers are studying common traits among individuals with chronic diseases or non-communicable diseases (NCDs). They aim to aid the medical community in disease prevention. By analyzing data, researchers identify unhealthy lifestyle habits, genetic factors, and socioeconomic influences as commonalities among those with NCDs. Armed with this knowledge, the medical community implements targeted interventions, focusing on promoting healthy lifestyles and providing accessible healthcare. Collaborative efforts between healthcare providers and public health agencies aim to raise awareness and prevent the onset of chronic diseases, improving overall population health.