

# 40.016: The Analytics Edge

## Week 1 Lecture 2

INTRODUCTION

Term 5, 2022



SINGAPORE UNIVERSITY OF  
TECHNOLOGY AND DESIGN

# R exercise

- Check R resources in `edimension`.
- Open RStudio
- `install.packages(ggplot2)`
- Open `week1lec2_class.Rmd`

# WHO data

**Source:** <http://www.who.int/gho/en>

The dataset contains data on 194 countries from WHO where the variables are:

- 1 Country - Name of country,
- 2 Region - Region the country lies in,
- 3 Population - Population in thousands,
- 4 Under15 - Percentage of the population under 15 years of age,
- 5 Over60 - Percentage of the population over 60 years of age,
- 6 FertilityRate - Average number of children per woman,
- 7 LifeExpectancy - Life expectancy in years,
- 8 LiteracyRate - Literacy rate among adults at least 15 years of age,
- 9 GNI - Gross national income per capita

# Old Faithful

The **Old Faithful Geyser** is a hot spring that occasionally becomes unstable and erupts hot water and steam into the air. The Old Faithful Geyser is at Yellowstone Park, Wyoming.



Photo via: <https://www.goodfreephotos.com/>

● <https://www.youtube.com/watch?v=Qxf3xzirBrs>

# Practice R

- Open PracticeR.Rmd