

# Data Frame Exploration

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## Homework 1 repository (Jummy David)

Welcome to my STAT545 homework1 repository.

My repo is structured as follows:

Documents	Description
README.md	Readme.md file gives a brief description of all I have in the homework1 folder
hw01_Rabbit.md	Visualizing and exploring the gapminder dataset in R

## About me

My name is *Jummy David*, a PhD student in Interdisciplinary studies at UBC. I hold a Bachelor of Technology degree in Mathematics and Master of Science degree in Applied Mathematics.

## My Research

My research interests are in mathematical epidemiology, which includes:

- modeling of infectious and sexually transmitted diseases e.g HIV, TB, STIs and Malaria to mention a few.
- Analysing clinical data to inform stakeholders on policy making and best treatment strategy.

I currently work under the supervision of two able Professors, Professor Fred Brauer from the Department of mathematics and Professor Viviane Dia Lima from the Deptment of Medicine. Working with two Department has added so much value to me and I am so in love with the interdisciplinary nature of my research. I work 3 days at UBC Mathematics Department and 2 days at British Columbia Centre for Excellence in HIV/AIDS in St. Paul's Hospital

Here are the days I am available on UBC campus, incase you wish to drop by:

Day	Hour
Monday	9am - 4pm
Tuesday	11am-12noon, 4am-5pm
Thursday	11am-12noon, 4am-5pm

Please feel free to email me at [jummy30@math.ubc.ca](mailto:jummy30@math.ubc.ca)

### Writing math in between lines and Sample code

- you can write math in between lines as  $x+y = 1$ .
- or embed code as:

```
barplot(table(sample(1:3, size=1000, replace=TRUE, prob=c(.30,.60,.10))), xlab="Sample", ylab="Size")
```

### To-Dos

- ☒ Edit the README
- ☐ Work on gapminder dataset
- ☐ git push