

Developing Data Products - Shiny Application and Reproducible Pitch

Arijit Nath

October 28, 2018

Introduction

This project is built as part of Developing Data Products final project. This consists of two parts -

1. Create a Shiny application and deploy on ShinnyApps servers.
2. Create a markdown file(Slidy presentation) to prepare a reproducible pitch presentation.

Shiny App

- In this project a simple Shiny Application is created, which calculate BMI of a person given his/her weight and height as inputs.

BMI Calculation Algorithm

- $BMI = \text{Weight(in KG)} / (\text{height(in CM)}/100 * \text{height(in CM)}/100)$
- For example: If a persom weights 50 KG & 160cm tall, then BMI would be = $50 / (160/100 * 160/100) = 19.53125$

Shiny App and Source Code links

- The application can be found in the following link
https://arijitnath.shinyapps.io/BMI_Calculator/
- Source codes are in Github repo
https://github.com/Arijit-Nath/DDP_Shiny_App
- Link to the Slidy Presentation
http://rpubs.com/arijit_nath/434236