**Team members:**

1. Nivedhidha I
2. Jishnu
3. Jhuvana
4. Cindrella
5. Kabilan
6. Kali Deepak

**Week one work:**

Sample Dataset practice

1. In what means age and gender plays a role in impacting the number of people affected my heart disease?

**Age based which has more**

**Gender based which has more**

**Both combined**

1. How can we predict heart attack based on various causes?

**220-Age and thalachh compare and see if this change has affected angina**

**Causes bar graph**

* **trtbps : resting blood pressure (in mm Hg)**
* **chol : cholestoral in mg/dl fetched via BMI sensor**
* **fbs : (fasting blood sugar > 120 mg/dl) (1 = true; 0 = false)**
* **rest\_ecg : resting electrocardiographic results**
* **exang: exercise induced angina (1 = yes; 0 = no)**

**Prediction of target**

1. How chest pain affects the rate of heartbeat and which type of chest pain will have more chance of heart attack?

**Heart attack and chest pain types Heart rate and chest pain types**

**Week two work:**

Tableau and MySQL video

Decide dataset

Can we extract data easily and if the data is interesting to us and others

How it is going to be useful

**PPT based on these 6 slides**

What data topic names

Why the data

From where data source

About data

What we are gonna find – 7 questions

Work splitup

Questions formed:

Not yet started

Ongoing

Analysis left

Completed

Story Made

1. What is the overall situation in world regarding happiness? (Nivedhidha)
2. Which countries are better positioned in each of the aspects? (Jishnu)
3. Finding the reason why happiness rank changed over the years in different regions? (Jishnu)
4. In what ways, generosity, and Health plays a role in impacting the world happiness score? (Cindrella)
5. Does a country's GDP affect the happiness rate? (Cindrella)
6. What is the trend that has been followed by India’s happiness score in the past 5 years? (Kabilan)
7. Which country has more trust on government with respect to freedom? (Kali Deepak)
8. A survey to find which are the factors causing less happiness scores in few regions and prediction on how it would be if improved. (Nivedhidha)

**Union to be formed by clearing dataset:**

**COLUMNS (All 5 Years) [10]**

Country

Region

Happiness Rank

Happiness Score

Economy (GDP per Capita)

Social Support

Health (Life Expectancy)

Freedom

Trust (Government Corruption)

Generosity

**Week 3 work:**

See 2 more videos (Angular and AWS) [must download aws]

Finish assignment of 5 questions [must complete]

Finish one of the questions at least (completed completely 2 questions and have done half way for 2)

PPT to be made (Thursday)

Completed 3rd and 6th questions.

**Week 4 work:**

Demonstrate how a website will look using any tool (ADOBE XD)

Complete remaining questions

Make stories or dashboards for the questions

See the AWS video

All the questions except 7th is completed and their respective story boards are also completed

7th Question is gonna involve prediction of the position of low-lying countries

Website:

* Logo
* Colour code
* Font
* Get code from tableau
* Decide exact what and all links required
* Do Routing
* Header – (Logo, Navbar)
* Footer – (Repository Link, Dataset Link)
* Complete copy pasting the code from tableau
* Complete writing html code of other pages
* Finish the CSS part of the website

Planning of website completed

**Week 5 work:**

See the AWS teaching by senior

Complete last question’s prediction part

Complete the website and be ready for hosting

See React video

Try making website using React

Python ML Project

Integration of code into website - <https://plnkr.co/edit/ZSfSja?p=info&preview>

Can write YouTube videos for learning materials

<https://www.bitdegree.org/learn/train-test-split> -about linear model

<https://tableau.github.io/TabPy/docs/TableauConfiguration.html> -how to use tabpy calculated field

<https://www.geeksforgeeks.org/plot-a-pie-chart-in-python-using-matplotlib/> -how to Customize a pie chart in python

<https://www.geeksforgeeks.org/linear-regression-python-implementation/> -how to make a linear model in python

**Week 6 work:**

Complete last question’s prediction part

See React video

Try making website using React

Complete Hosting Part

<https://youtu.be/W6NZfCO5SIk> -for learning JS basics

<https://youtu.be/PFmuCDHHpwk> -for learning JS OOPS concept

[https://youtu.be/NCwa\_xi0Uuc](https://youtu.be/NCwa_xi0Uuc%20) -for learning ES6

<https://youtu.be/QFaFIcGhPoM> -for learning React JS