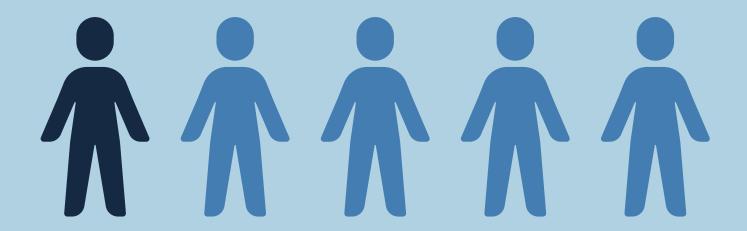


# Young Adults & Depression

Project 4 | Group 3



1 in 5 youth and young adults experiences a mental health concern



Suicide is the **third leading cause of death** for college students

## More Common Than You Think...

Background information

Data Story

Data Story

Data Story

Data Story

Data Story

Data Story



## Project Goal: Detecting Depression

- 1. Create a supervised classification model that can recognize signs of depression to identify atrisk individuals.
- 2. Develop an interactive platform that provides information and support resources to those in need.



#### Data Source:



The Healthy Minds Network is one of the nation's premier research organizations contributing to adolescent and young adult mental health.

### WorkFlow:

#### **Extract**

Data Type: CSV File

Our group is analyzing data from The Healthy Minds Network 2016 -2017 survey of more than XX students across XX universities.

#### **Transform**

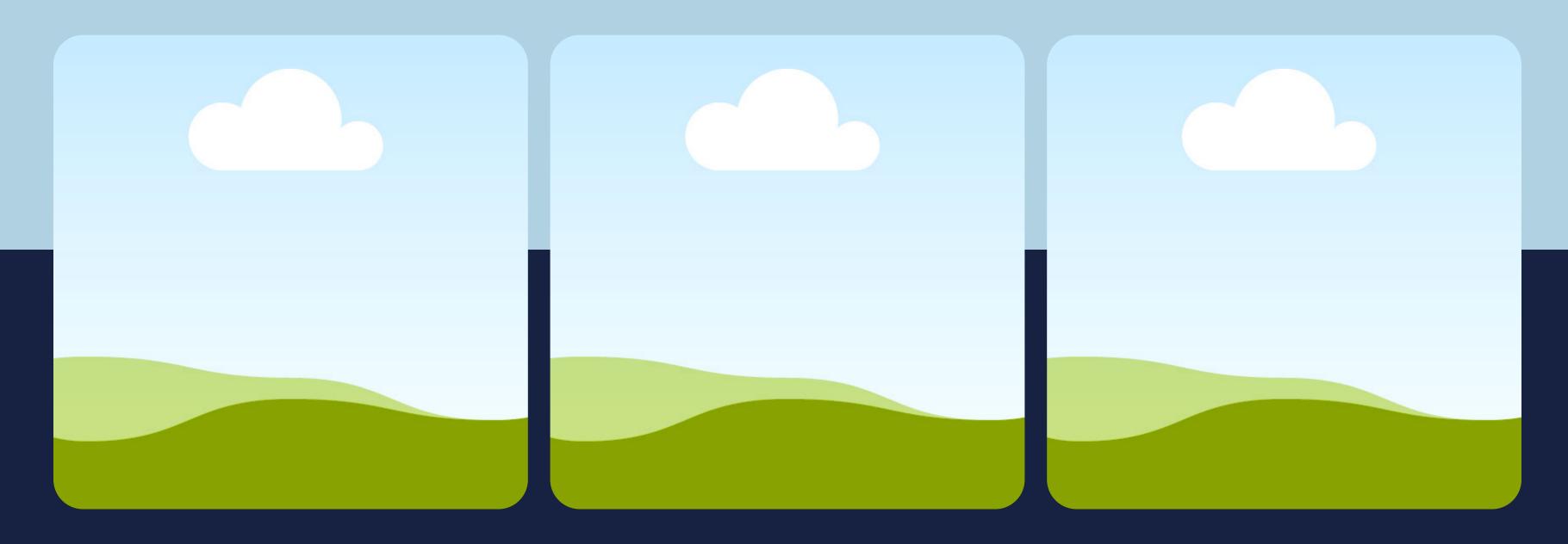
Data was cleaned using python and one-hot encoding to convert categorical values to numeric.

#### **Process and ML**

PyCarrot was used to process data. The most relevant features were selected and multicolinearity was minimized. Models were compared/evaluated and predictions were made via web app.

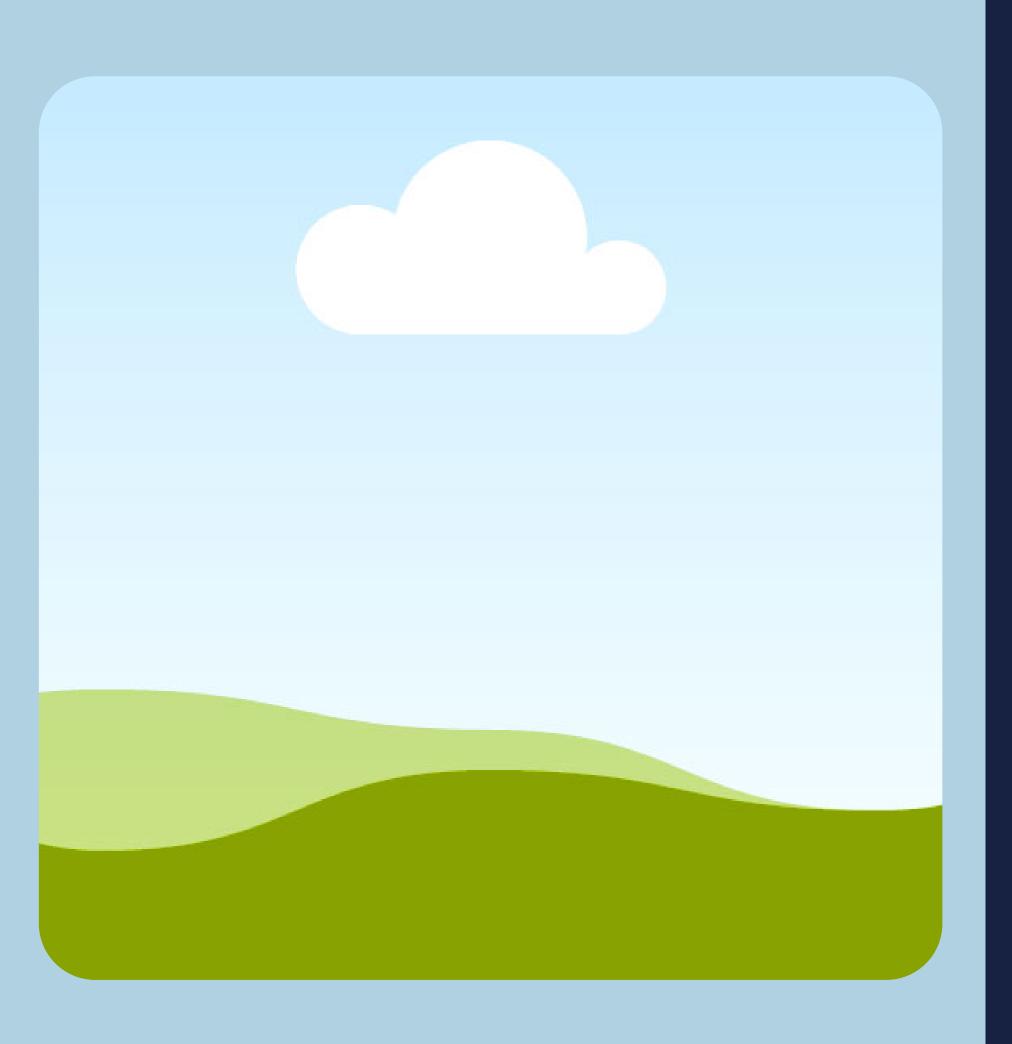


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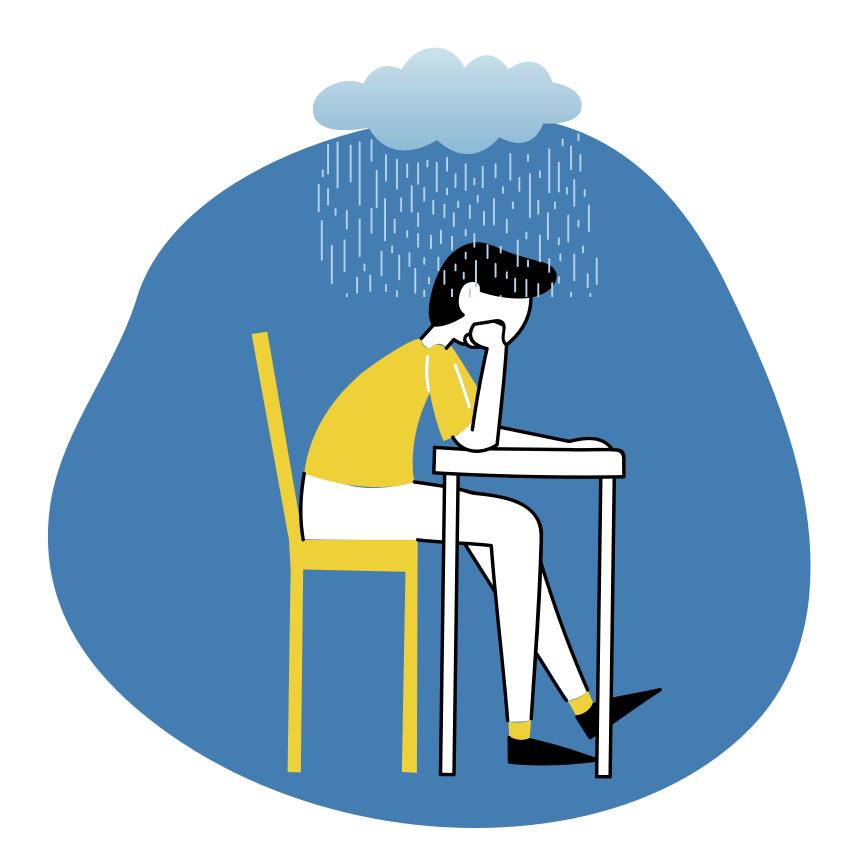




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