End-Semester

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library(readr)

## Warning: package 'readr' was built under R version 4.2.3

healthcare\_dataset <- read\_csv("C:/Users/NILANJANA/Downloads/healthcare\_dataset.csv")

## Rows: 10000 Columns: 15  
## ── Column specification ────────────────────────────────────────────────────────  
## Delimiter: ","  
## chr (10): Name, Gender, Blood Type, Medical Condition, Doctor, Hospital, In...  
## dbl (3): Age, Billing Amount, Room Number  
## date (2): Date of Admission, Discharge Date  
##   
## ℹ Use `spec()` to retrieve the full column specification for this data.  
## ℹ Specify the column types or set `show\_col\_types = FALSE` to quiet this message.

healthcare\_dataset

## # A tibble: 10,000 × 15  
## Name Age Gender `Blood Type` `Medical Condition` `Date of Admission`  
## <chr> <dbl> <chr> <chr> <chr> <date>   
## 1 Tiffany Ra… 81 Female O- Diabetes 2022-11-17   
## 2 Ruben Burns 35 Male O+ Asthma 2023-06-01   
## 3 Chad Byrd 61 Male B- Obesity 2019-01-09   
## 4 Antonio Fr… 49 Male B- Asthma 2020-05-02   
## 5 Mrs. Brand… 51 Male O- Arthritis 2021-07-09   
## 6 Patrick Pa… 41 Male AB+ Arthritis 2020-08-20   
## 7 Charles Ho… 82 Male AB+ Hypertension 2021-03-22   
## 8 Patty Norm… 55 Female O- Arthritis 2019-05-16   
## 9 Ryan Hayes 33 Male A+ Diabetes 2020-12-17   
## 10 Sharon Per… 39 Female O- Asthma 2022-12-15   
## # ℹ 9,990 more rows  
## # ℹ 9 more variables: Doctor <chr>, Hospital <chr>, `Insurance Provider` <chr>,  
## # `Billing Amount` <dbl>, `Room Number` <dbl>, `Admission Type` <chr>,  
## # `Discharge Date` <date>, Medication <chr>, `Test Results` <chr>

library(readr)  
Crop<- read\_csv("C:/Users/NILANJANA/Downloads/Crop\_recommendation.csv")

## Rows: 2200 Columns: 8  
## ── Column specification ────────────────────────────────────────────────────────  
## Delimiter: ","  
## chr (1): label  
## dbl (7): N, P, K, temperature, humidity, ph, rainfall  
##   
## ℹ Use `spec()` to retrieve the full column specification for this data.  
## ℹ Specify the column types or set `show\_col\_types = FALSE` to quiet this message.

Crop

## # A tibble: 2,200 × 8  
## N P K temperature humidity ph rainfall label  
## <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <chr>  
## 1 90 42 43 20.9 82.0 6.50 203. rice   
## 2 85 58 41 21.8 80.3 7.04 227. rice   
## 3 60 55 44 23.0 82.3 7.84 264. rice   
## 4 74 35 40 26.5 80.2 6.98 243. rice   
## 5 78 42 42 20.1 81.6 7.63 263. rice   
## 6 69 37 42 23.1 83.4 7.07 251. rice   
## 7 69 55 38 22.7 82.6 5.70 271. rice   
## 8 94 53 40 20.3 82.9 5.72 242. rice   
## 9 89 54 38 24.5 83.5 6.69 230. rice   
## 10 68 58 38 23.2 83.0 6.34 221. rice   
## # ℹ 2,190 more rows