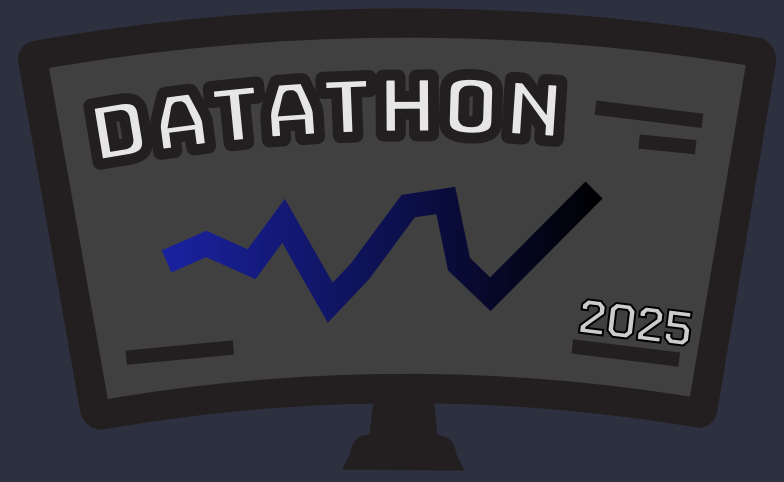




DATATHON



THEME:

EXAMINING WORLDWIDE HEALTH DISPARITIES

PLATFORM:

MICROSOFT EXCEL

PRIZES:

- + Credly Badges for all
- + 1st: \$300 per member
- + 2nd: \$200 per member
- + 3rd: \$100 per member

OBJECTIVES:

LINK HEALTH DISPARITIES ACROSS THE WORLD TO THEIR WORLD TO THEIR UNDERLYING DETERMINANTS.

DATES & TIMES:

DATE:	TIME:	TITLE & LOCATION:	FORMAT:
MARCH 3, 2025	1:00 PM - 3:30 PM	WORKSHOP TIME (Bldg B, Computer Lab)	INSTRUCTOR LED
MARCH 3, 2025	3:30 PM - 9:30 PM	HACK TIME (Bldg B, Computer Lab)	TEAM LED
MARCH 3, 2025	9:00 AM - 1:00 PM	HACK TIME (Bldg B, Computer Lab)	INSTRUCTOR LED
MARCH 3, 2025	1:00 PM - 3:30 PM	OPEN PRESENTATION (Bldg B, Computer Lab)	TEAM LED

TASK

1. EXPLORATORY DATA ANALYSIS & DESCRIPTIVE STATISTICS OF THE DATA: GET AN OVERVIEW OF DEMOGRAPHIC VARIABLES AND SOCIOECONOMIC FACTORS.

2. CORRELATION ANALYSIS: EXPLORE THE RELATIONSHIP BETWEEN HEALTH INDICATORS AND DEMOGRAPHIC & SOCIOECONOMIC & ENVIRONMENTAL FACTORS USING CORRELATION ANALYSIS.

3. HEALTH DISPARITIES VISUALIZATION: BAR CHARTS, PIE CHARTS, SCATTER PLOTS, OR OTHER RELEVANT VISUALIZATIONS TO HIGHLIGHT YOUR TOPIC OF INVESTIGATION.

4. PREDICTIVE MODELING: SIMPLE LINEAR REGRESSION TO PREDICT HEALTH INDICATORS BASED ON DEMOGRAPHIC, SOCIOECONOMIC AND ENVIRONMENTAL FACTORS.

5. FINAL PRESENTATION: PREPARE POWERPOINT PRESENTATION THAT PROVIDE A BRIEF PRESENTATION SUMMARIZING YOUR FINDINGS, VISUALIZATION, BROAD INSIGHTS, AND ANY ACTIONABLE RECOMMENDATIONS. PRESENTERS WILL GIVE THEIR PRESENTATION AFTER THE WORKSHOP AND HACK TIME.

EVALUATION CRITERIA OF PRIZES:

- ACCURACY OF ANALYSES AND INTERPRETATIONS - 20 POINTS
- DEPTH OF ANALYSIS - 20 POINTS
- CREATIVITY IN DATA VISUALIZATION - 20 POINTS
- CLARITY AND EFFECTIVENESS OF THE FINAL PRESENTATION - 20 POINTS
- INNOVATION - 20 POINTS