

# Team Project with Climate Change

## Computer Vision for Social Media Analysis



# What is this team project about?

Climate change doesn't require your belief



4:29 PM · Oct 25, 2022

54 1.5K 8.5K 132

She was gifted a blanket in 2019 from my Nation for her climate change work. This is highest honor an Indigenous community can ever bestow — to non-Native ally.



6:58 PM · Dec 30, 2022 from Los Angeles, CA · 3.5M Views

1.8K 10K 135K 396

## What can we learn from these tweets?

Rememabr ths cute polar bear that we used to see all the time as a symbol of 'climate change'?

Ever wondered why we don;t see it any more?

Its been dropped because polar bears are thriving!

Climate change seems to be good for them

50 yrs ago there were 5,000 bears. Now 25,000



9:25 AM · May 20, 2021

36 265 523 4

# Project Description

## The dataset

- 700,000 instances shared in the year 2019 on Twitter / X
- images, user reactions (likes, retweets, shares, etc.), tweet text
- annotations for a subset of images

## Your tasks

- Analyse the image content with a high level of detail and abstract classes
- Assess the image sentiment in relation to the user reactions
- Create a user interface to view the images and the results



# What can you expect?

## You will have a chance to

- Implement computer vision application with real life images
- Create an appealing user interface to view the results
- Investigate the relationship between the images and user reactions

## You can you expect from us

- Database with images and related information
- Regular meetings and practical assistance throughout the project

# Organizational details

Skills	Python
Language	English
Duration	1 semester
MMDS	Welcome
Participants	2 - 6
Online attendance	possible