

# Quiver Plot

## Project Overview

This repository contains the main codebase, datasets, and assets related to the project. The folder structure is organized to ensure clarity and ease of access to various elements, including final codes, generated GIFs, images, and miscellaneous experiments.

## Folder Structure

### 1. Codes

- **Description:** This folder contains the core scripts, datasets, and a dedicated README explaining the main codebase.
- **Contents:**
  - **Final Codes:** The finalized scripts used for the main functionality of the project.
  - **Datasets Used:** All datasets utilized within the code, organized and ready for use.
  - **README:** A detailed README file for understanding the purpose, usage, and structure of the codes provided.

### 2. GIFs

- **Description:** Contains GIFs generated as outputs from running the main code.
- **Contents:**
  - Animated visualizations or demonstration GIFs that represent key steps, results, or outcomes of the project.

### 3. Images

- **Description:** This folder stores images created as a result of code execution.
- **Contents:**
  - Output images that visually represent results or intermediary steps in the project.

### 4. Miscellaneous

- **Description:** This folder includes experimental scripts, tests, and supplementary code not used in the final version.
- **Contents:**
  - Various codes and experiments that served as references or were used during the development process.

# How to Use This Repository

1. Start by reviewing the `Codes` folder for the main project scripts and datasets.
2. Check the `README` file in the `Codes` folder for detailed usage instructions.
3. Explore the `GIFs` and `Images` folders to view the visual outputs generated from the scripts.
4. For additional experiments or alternative approaches, refer to the `Miscellaneous` folder.