

Driver Drowsiness Detection



- **Problem statement:**

- Build a driver drowsiness detection system.

- **Data Description:**

In this project we would like to work on real-time problem that is very dangerous thing to drivers which is Lack of sleep. So, our goal will be building a driver drowsiness detection system by deep learning models. Our dataset is about 7000 images of people's eyes under different lighting conditions.

- **Data size:**

- **No. of images:** 7000

- **Tools:**

- Programs: Python Jupyter Notebook
- Libraries: panda, Matplotlib
- Algorithms: OpenCV, Keras
- Plots: bar plot, cat plot, pie chart

- **MVP Goal:**

The goal of this project is to build a Drowsiness detection system. It is a safety technology that can prevent accidents that are caused by drivers who fall asleep while driving.