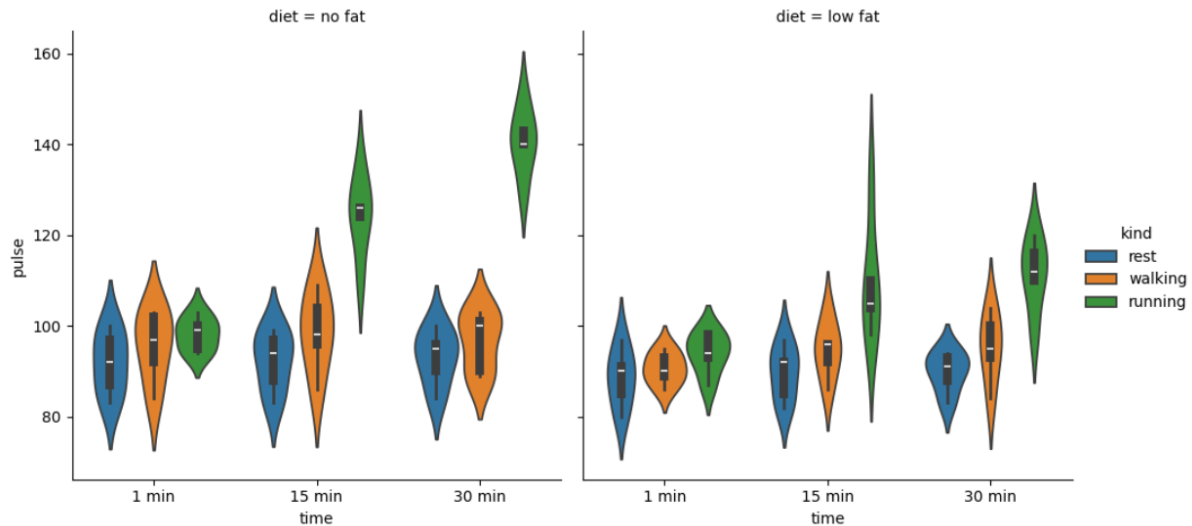


# CatPlot

Catplot (**categorical plot**) show a relationship between a numerical variable and one or more categorical variables



## Observations:

This graph give pulse ranges of persons under 2 category low fat and no fat diet, with different kind like rest, walking and running.

### Diet – No Fat:

1. Pulse ranges from 80-110bpm for all kind of people in 1 min intervals.
2. After 15 min walking people pulse increased 120 and running people pulse increased to 150bpm.
3. No changes of pulse for people in rest after 15 and 30 mins.
4. After 30 mins of walking, people pulse changes to 90-110bpm.
5. After 30 mins of running, pulse ranges between 120-160bpm.
6. Overall Running leads to significant increase in pulse.

### Diet – Low Fat:

1. Pulse ranges from 80-100bpm for all kind of people in 1 min intervals.
2. After 15 min walking people pulse increased 110 and running people pulse increased to 150bpm.
3. No changes of pulse for people in rest after 15 and 30 mins.
4. After 30 mins of walking, there is no pulse changes of people – 110bpm.
5. After 30 mins of running, pulse dropped to 130bpm.

Overall People in Low fat has slightly lower pulse rates during exercise when compared to No fat diet people.