

TEAM - THE DATA CHRONICLES

Team members: Muskan Raina (2021101066), Vanshita Mahajan (2021101102), Mahika Jain (2021101096)

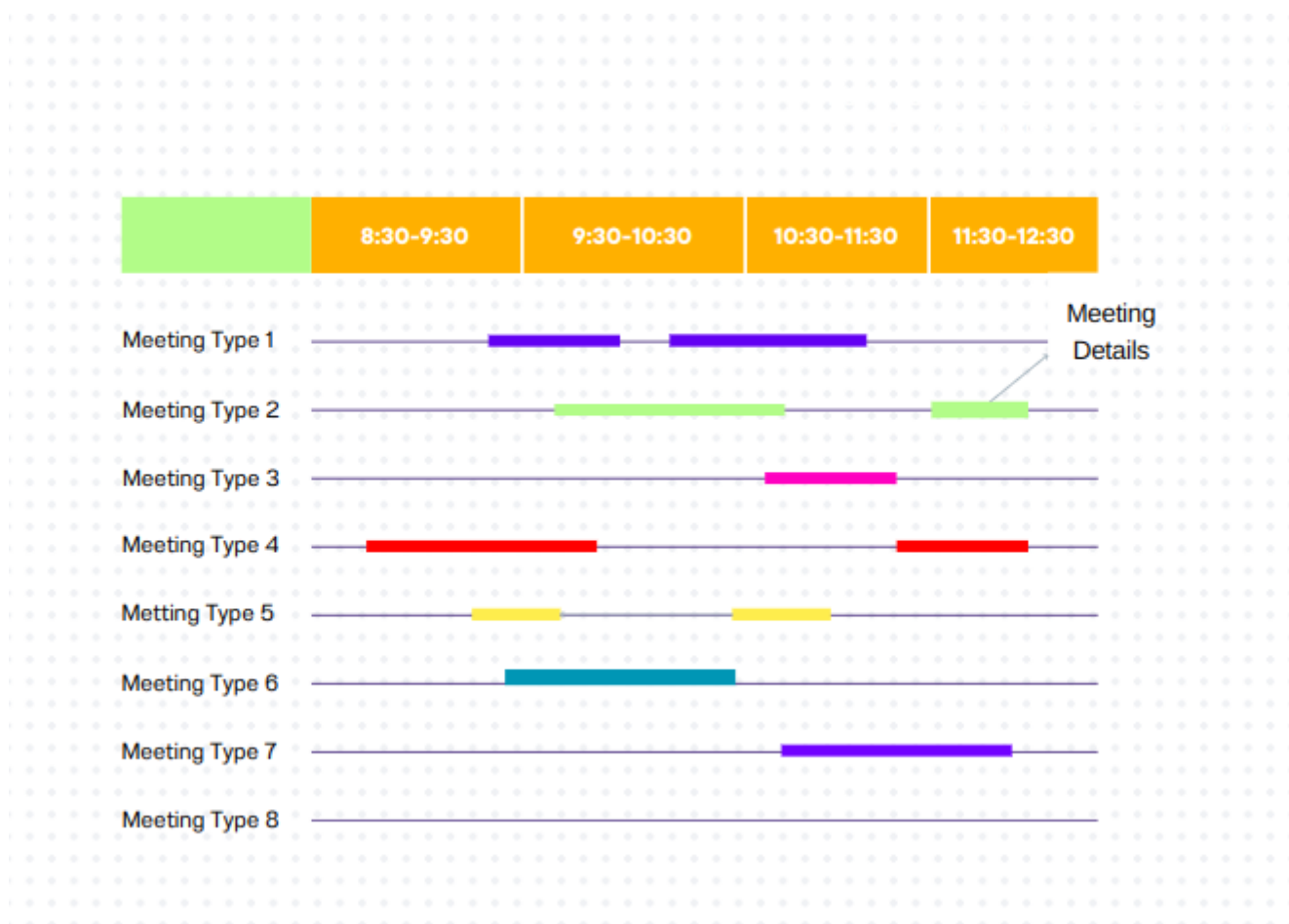
Daily Schedule:

Columns:

Meeting Timings, Type of Meeting, Total attendees of the meeting

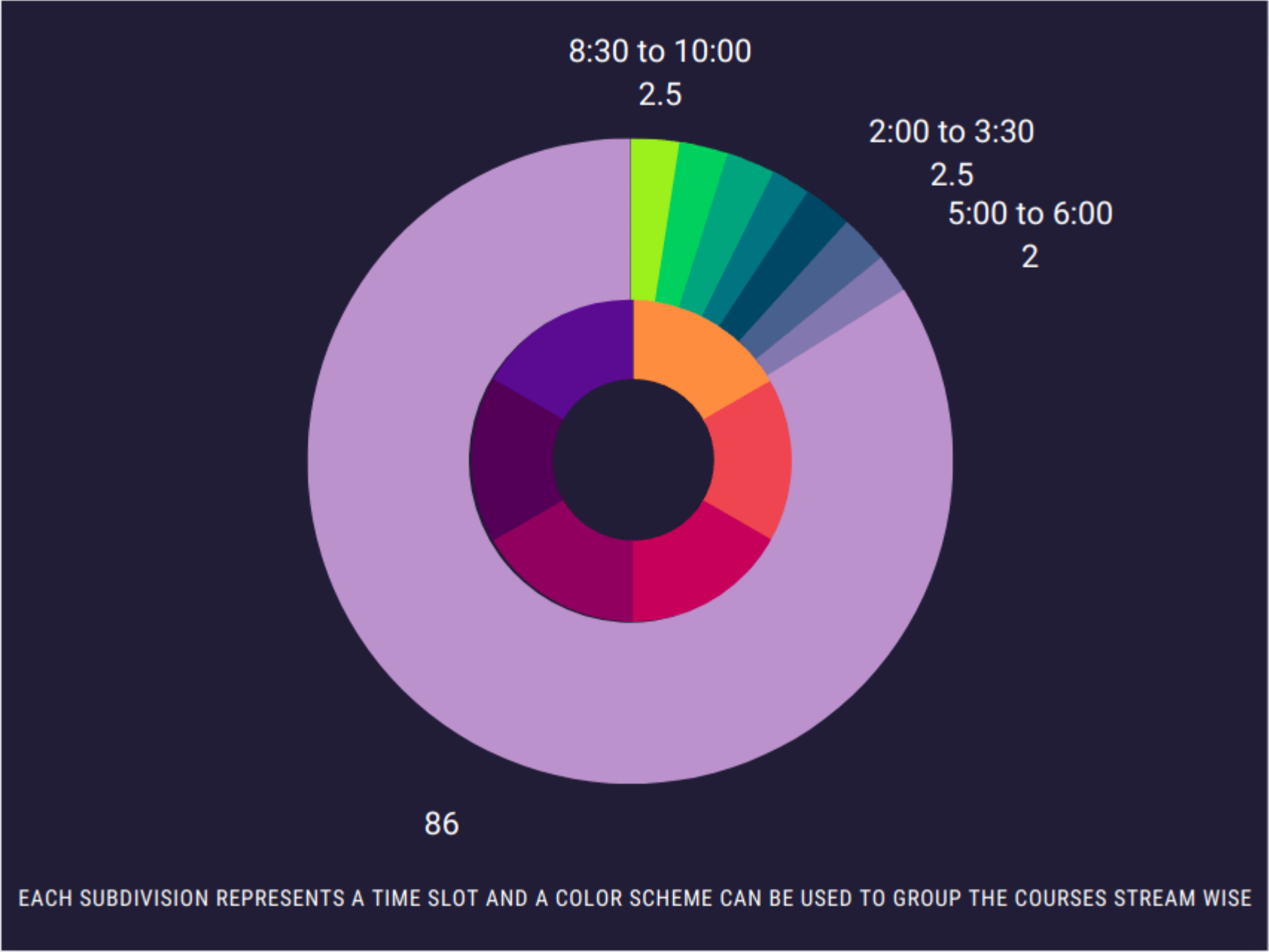
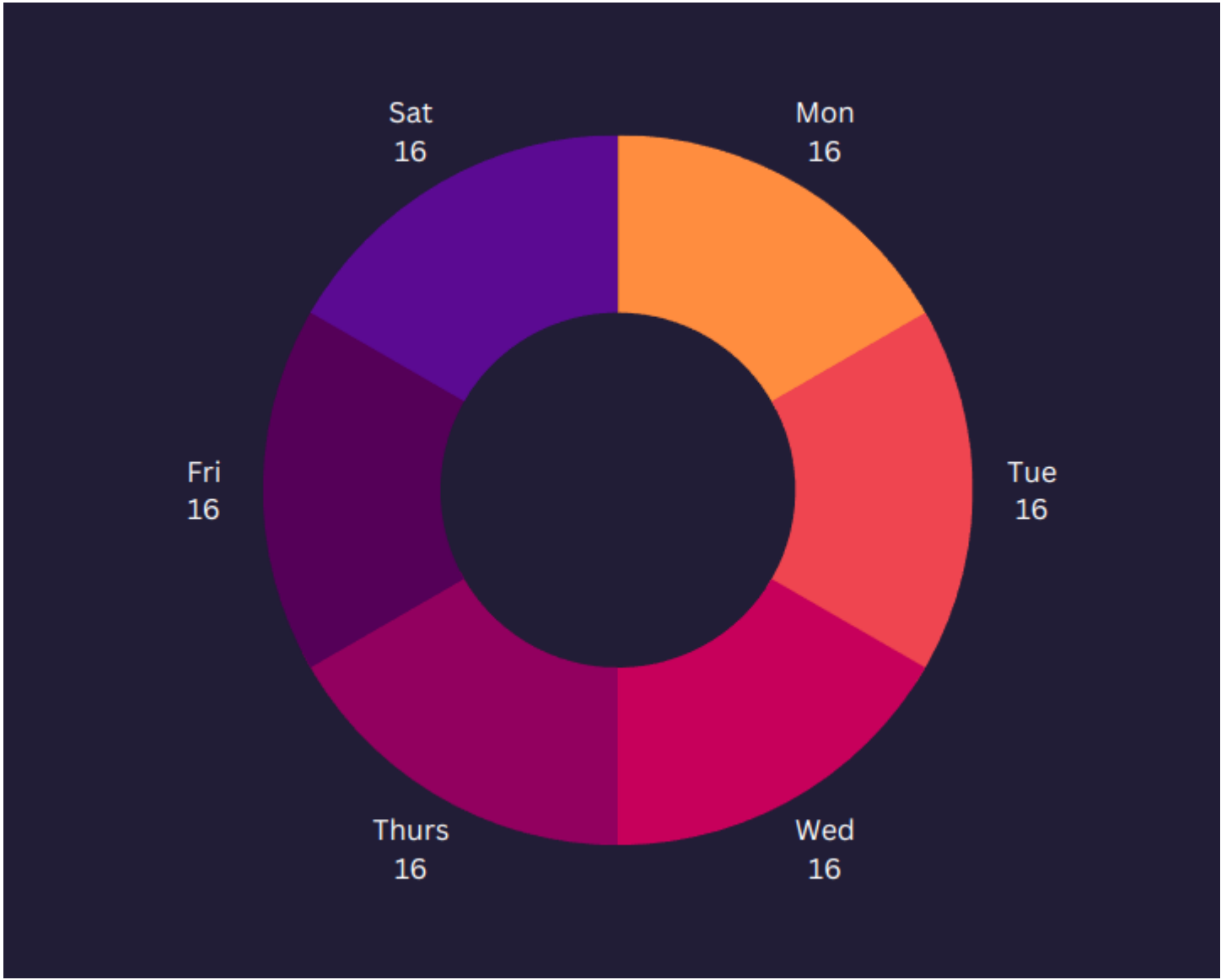
A D3 Gantt chart is a powerful tool for visualising a daily schedule as it displays tasks, their durations, and their dependencies in a clear and easy-to-understand way.

1. We can plot each task as a horizontal bar on the chart, with the start and end times of the task indicated on the x-axis, and the y-axis will be the different types of daily meetings assigned to the person. This will give us a clear overview of how the day is planned out.
2. We can use colour coding or shading to differentiate the meeting. This will make our chart appear better visually.
3. The duration can be identified by the length of the horizontal bar on the timeline.
4. We can view the number of attendees of the specific meeting as well as the details of that meeting, why it is needed and what should be prepared for it just as we can do in google calendar with the help of a tooltip.



Weekly Schedule:

- Weekly Schedule can be represented using a donut chart wherein the donut is primarily divided into 6 divisions, each representing a working day of the week.
- Further each day is divided into the standard time slots that exist in the IIIT time table - 8:30 to 10:00, 10:00 to 11:30, and so on.
- For each time slot, the tutorials/ labs/classes that occur in that time slot can be visualised through different colours.
- On hovering over a particular time slot, a tooltip showing details such as course name, number of people taking the course, course category, number of credits, venue etc.



Yearly/Semester:

A D3 calendar chart can help in visualising a yearly schedule as it allows us to see at a glance how events are spread out over time.

- We can visualise the days of Felicity and the days of the R&D showcase as different colours as they both represent very different events.
- The days of quizzes and paper checking can be displayed with different colours.
- A tooltip can be added which on hover over the different days in the chart, it displays the event name.

