

# Prerequisites

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Before our first session, please make sure to review and complete the tasks below to ensure you're fully prepared.

## 1. Install Tableau

All NUS students can download **Tableau Desktop (compulsory)** and **Tableau Prep (optional)** for free via the [Tableau Academic Programs](#).

1. **Sign up** with your student email.
  2. **Download** and **install** the latest version (we recommend installing updates when prompted).
  3. **Verify** Tableau is working properly before the first session.
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## 2. Download the Course Repository

We have created a GitHub repository specifically for our hands-on sessions:

[CS5346CaseStudy](#)

This repository contains several folders:

- **data** – Raw CSV files for hands-on exercises
- **note** – Lecture notes and slide decks
- **notebook** – Data preparation pipeline and demonstrations
- **workbook** – The Tableau workbook for hands-on practice

Feel free to:

- Clone the repository to your local machine, **or**
- Download it as a ZIP file and unzip it in a convenient location.

If you encounter any issues or have suggestions, you are welcome to:

- **Open an issue** on GitHub
  - **Submit a pull request** if you would like to contribute
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## 3. Lecture Agenda

We will host two hands-on Tableau sessions, each lasting two hours:

### 1. Session 1:

- Introduction to Tableau interface, basics, charts
- Working with calculated fields

### 2. Session 2:

- Intermediate/advanced Tableau features

- Visualization design principles
- Real-world case study

Each session will include a **Q&A** segment. You are also welcome to reach out with any additional questions about Tableau or other data visualization tools, such as Power BI, after the lecture.

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## 4. Preparing for the Sessions

- **Check Your Installations:** Ensure Tableau is properly installed and opens without errors.
  - **Review the Repository:** Familiarize yourself with the folder structure so you know where to find data and notes.
  - **Bring Your Laptop:** We will be working directly in Tableau during class. Make sure your battery is fully charged or have your power adapter handy.
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**We look forward to helping you develop your visualization skills. See you in class!**