

# ■ Script for Software Demonstration Video

## Intro (Scene 1)

- Visuals: Title card with the software name/logo and a short tagline (e.g. 'Fast and simple cilia quantification in microscopy images').
- Narration/Text: "Welcome! In this video, I'll show you how to install, use, and get results from [Software Name]."

## Part 1 – Installation

### Scene 2: Download

- Visuals: Screen capture of GitHub (or repository) page, showing where to download.
- Narration/Text: "First, head to the GitHub page and download the latest release."

### Scene 3: Setup

- Visuals: Terminal/command window (with keystrokes shown) installing dependencies or MATLAB toolbox.
- Narration/Text: "Then, install the dependencies. Simply run this command..." (Display the exact command in overlay text.)

### Scene 4: Launch

- Visuals: Opening MATLAB or double-clicking the executable.
- Narration/Text: "Now let's launch the software."

## Part 2 – Using the GUI

### Scene 5: Opening an Image

- Visuals: Screen capture of dragging/dropping or using the 'Open' button.
- Narration/Text: "Start by loading your image stack into the GUI."

### Scene 6: Interface Overview

- Visuals: Zoom/pan across GUI elements (buttons, sliders).
- Narration/Text: "Here's a quick overview of the interface: the image display, control panel, and results panel."

## Scene 7: Basic Workflow

- Visuals: User selects a region of interest (mouse clicks visible). Semi-automated detection highlights cilia. Keyboard overlay shows shortcuts in action.
- Narration/Text: “With one click per region, the software detects and segments structures. You can use shortcuts for faster navigation.”

## Scene 8: Adjustments

- Visuals: Show sliders or parameters being changed, updating segmentation.
- Narration/Text: “You can adjust detection parameters to refine the results.”

## Part 3 – Results

### Scene 9: Quantification

- Visuals: Show table of measurements being generated (length, fluorescence, etc.).
- Narration/Text: “Once regions are defined, the software automatically quantifies key parameters.”

### Scene 10: Exporting Data

- Visuals: Saving results to CSV or Excel, with file explorer popup.
- Narration/Text: “Results can be exported to CSV or Excel for further analysis.”

### Scene 11: Example Dataset

- Visuals: Show graphs or summary plots from an example dataset.
- Narration/Text: “Here’s an example of results from 1,000 cilia processed in under an hour.”

### Outro (Scene 12)

- Visuals: Return to title card, maybe with a 'Thank you' slide.
- Narration/Text: “That’s it! You now know how to install, use, and get results from [Software Name]. For more details, check the documentation. Thanks for watching!”