

# PRISM Workshop: Structured Exercises

Welcome to the PRISM workshop! This folder contains five hands-on exercises to teach you the complete workflow from raw data to analysis-ready outputs.

## Workshop Structure

The workshop consists of five sequential exercises:

“ workshop/ exercise\_0\_project\_setup/ ← Start here! exercise\_1\_raw\_data/ exercise\_2\_hunting\_errors/ exercise\_3\_using\_recipes/ exercise\_4\_templates/ reference\_solution/ ← Check your work “

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## Learning Path

### Exercise 0: Project Setup

**Time:** 10 minutes

**Location:** ‘exercise\_0\_project\_setup/‘ - Launching Prism.exe - Creating your first project

### Exercise 1: Handling Raw Data

**Time:** 30 minutes

**Location:** ‘exercise\_1\_raw\_data/‘ - BIDS folder hierarchy - File naming conventions - Using the GUI converter

### Exercise 2: Hunting for Errors

**Time:** 25 minutes

**Location:** ‘exercise\_2\_hunting\_errors/‘ - Guided “Bug Hunt” - Troubleshooting common issues

### Exercise 3: Using Recipes

**Time:** 20 minutes

**Location:** ‘exercise\_3\_using\_recipes/‘ - Automated scoring - Exporting to SPSS format

### Exercise 4: Making & Editing Templates

**Time:** 20 minutes

**Location:** ‘exercise\_4\_templates/‘ - Custom metadata definitions - JSON Template Editor

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## Getting Started

### 1. Windows Users

Locate and run **'Prism.exe'** in your workshop folder.

### 2. Manual Launch

If you are running from source: “`bash source .venv/bin/activate python prism-studio.py`”

Open browser to: **`http://localhost:5001`**

### 3. Start Exercise 0

Navigate to `'exercise_0_project_setup/INSTRUCTIONS.md'` (or `'pdf'`) and follow along!