Static Data Creation Process

1. Filtering from Dataset
2. Manual Screenshot
3. Human Annotation
4. LLM Generation Pipeline
5. Manual Verification

VDA Improve

Input
- Instruction
- Screenshot

VDA Block ... Predict Bounding Box ... Agent Model ... Output ... Answer

GUI Element

A-1. Slider
A-2. Knob
A-3. Steeper
A-4. Seek Bar
A-5. Chart Point
B-1. Switch
B-2. Check Box
B-3. Radio Group
B-4. Tabs
B-5. Segmented
B-6. Accordion
C-1. Rating
C-2. Color Picker
C-3. Date Picker
C-4. Time Picker
C-5. List Box
D-1. Drag Reorder
D-2. Zoom Pan
...
D-7. Table Column

Visual Diagnosis

Correct Border: [0.30, 0.15, 0.34, 0.22]
Category: Range
Coordinate: Click[0.29, 0.18]

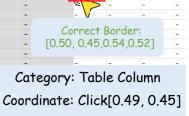Correct Border: [0.53, 0.31, 0.55, 0.33]
Category: Option
Coordinate: Click[0.19, 0.15]

Correct Border: [0.30, 0.15, 0.34, 0.22]
Category: Specific Data
Coordinate: Click[0.19, 0.15]

Correct Border: [0.50, 0.45, 0.54, 0.52]
Category: Table Column
Coordinate: Click[0.49, 0.45]