

# Exercise 1

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## Exercise 1:

Build a streamlit based UI as per requirements below

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1. Wide layout with a title and short caption.
2. Two columns: Left = Inputs, Right = Outputs.
3. Inputs include name (text), a number N (for how many points), optional image upload, and a Run button.
4. Use a results container on the right that displays:
  - A greeting if a name is provided.
  - A simple chart with N random points.
  - The uploaded image preview (if any).
5. Add an “Instructions” expander on the left and Tabs on the right (e.g., “Summary” & “Details”).
6. **Submit by 08/20/2025 midnight** -A single \*.py that meets the checklist, a short note (3–5 sentences) describing where/why you used columns, container, tabs, and expander.