**Dashboard layout (tabs)**

**1) Portfolio**

* **Donut: Target vs Current Weights**  
  shows Cash / Bonds / Shares / Commodities (/ Crypto). Toggle between **Target** and **After Seatbelt/Sleep-Better**.
* **Buy List table**  
  ticker, price, shares, cost, % of budget, leftover cash.

**2) Winners & Why**

* **Leaderboard bars (Top-20 → Top Picks)**  
  horizontal bars of the **composite score** per ticker (per sleeve). Selected winners are highlighted.
* **Attribution waterfall (per winner)**  
  small waterfall showing how **momentum / (1–vol) / (1–drawdown) / sentiment** add up to the final score. Easy XAI.
* **Momentum–Volatility scatter**  
  each dot is a ticker; size by drawdown, color by sentiment. Winners stand out visually.

**3) Risk**

* **Rolling Volatility line (EWMA)**  
  portfolio vol over time; **Risk Budget** band shaded. Turns amber if above target.
* **Drawdown curve**  
  cumulative return + **underneath** a max drawdown area chart; seatbelt activation marked with icons.
* **VaR / CVaR panel**  
  histogram of daily returns with the **95% VaR line** and shaded left tail for **CVaR**.

**4) Rebalancing**

* **Drift bars (by sleeve)**  
  bars centered at 0%; show **current − target** weights. Anything beyond the **±band** is colored red.
* **Before/After weights columns**  
  side-by-side bars for each sleeve showing the effect of the suggested trades.
* **Rebalance Action Card**  
  a compact panel listing buy/sell $ amounts (with min-trade/turnover notes).

**5) FX & Commodities**

* **AUD trend line (6-month)**  
  AUDUSD line with a simple **“Hedged or Unhedged?” hint badge** overlay.
* **Commodity sleeve mini-dashboard**  
  small multiples: gold, oil, broad basket—each with a 6-month sparkline and last-month % change.

**6) News & Events**

* **Headline tone bars (last 7–30 days)**  
  stacked bars of positive/negative counts per shortlisted ticker; winners emphasized.
* **Spike filter flag**  
  a red tag on any ticker where **negative headlines + price gap** triggered a cap, with the simple rule explained.

**7) Cost & Behaviour**

* **Fee-drag lines**  
  end-wealth over time at **0.60% vs 0.10%** fees; show the dollar gap clearly.
* **Sleep-Better dial effect**  
  tiny slope graph showing how the dial shifted equity→bonds and how risk metrics moved (vol, max DD).

**Interactions (simple, live)**

* **Hover tooltips** on all charts: show exact %s, tickers, dates.
* **Click to focus**: clicking a winner on the leaderboard updates the **waterfall** and **scatter** highlight.
* **Scenario toggles** (“Rates +100 bps”, “Equities −10%”): overlays a **ghost series** on Risk charts and updates the **Rebalance** tab if the seatbelt would engage.
* **Sliders** (Sleep-Better, Risk Budget, Drift Band): all charts re-render instantly.

**5-minute demo flow with visuals**

1. Type “**long term, $2,500**” → show **Donut + Buy List**.
2. Open **Winners & Why** → Leaderboard + **Waterfall** for the top equity; quick XAI explanation.
3. Jump to **Risk** → Rolling Vol within the **Risk Budget band**, **Drawdown** curve (point at seatbelt icon if active).
4. Nudge **Sleep-Better** to 8% → watch **Donut**, **Risk lines**, and **Buy List** update.
5. Hit **Scenario: Equities −10%** → Risk overlay + **Rebalance** tab shows Drift bars/action card if needed.
6. Show **FX & Commodities** → AUD trend + un/hedged hint badge; one gold/oil sparkline.
7. Close on **Cost & Behaviour** → Fee-drag lines + quick takeaway.

**Why these visuals work**

* They’re **minimal but meaningful**: every chart teaches a concept (diversification, XAI, risk, rebalancing, FX).
* **Low code overhead**: all doable with standard plotting (matplotlib/plotly) and basic tables.
* **Assessment-ready**: clarity (donut, bars), insight (waterfall, scatter), risk integration (rolling vol, DD), and interactivity (sliders/scenarios).

If you like this set, I’ll wire the notebook UI to include these tabs and charts exactly as described—still keeping things lean and snappy.