

The breakdown: Quick, quirky challenges that remix the homework into portfolio-worthy flexes. They're beginner-friendly but scalable for pros, leveraging fundamentals in unexpected ways.

Kentucky Code Trails

<https://github.com/rb-thompson/dev-ai/blob/294e89839d3cd5586c92c9b7386d0f9e973f3c26/week-2/kentucky-code-trails.ipynb>

A Python challenge series for an AI coding bootcamp, blending Central/Eastern Kentucky motifs with universal cultural bridges. Targets Week 2-3 fundamentals (arithmetic, operators, conditionals, loops, data types) for mixed-skill KY residents. Hosted on Slack.

- Holler Math Mixer: Solo sprint—mix a batch with arithmetic (KY holler + global food). Slack thread, 24-hour deadline.
- Derby Dash Decider: Pair duel—pick a winner with conditionals (KY Derby + worldwide races). 1-hour Zoom, Slack results.
- Coal Loop Counter: Code golf—haul resources with loops (KY coal + universal labor). Slack thread, 280-char limit.
- Trail Mix Mashup: Group jam—blend data types into snacks (KY trails + global journey foods). 60-min Zoom, Slack showcase. Results pinned in Slack; top entries tweeted on X. Inclusive, edgy, and clout-worthy.