



DAILY STEP COUNT DASHBOARD

ALEXANDRA PERRUCHOT

The background is a solid purple color. It features faint, light-colored circular patterns and numbers scattered across the surface. Some of the visible numbers include 0, 100, 150, 170, 180, 190, and 200. There are also dashed lines and arrows forming circular paths, suggesting a technical or scientific theme.

WHAT DOES THE PROJECT VISUALIZE?

WHAT DOES THE PROJECT VISUALIZE?

An interactive dashboard tracking daily step counts over 100 days.

The background is a solid purple color. It features faint, light-colored geometric patterns, including concentric circles and arcs, some with small arrows indicating direction. These patterns are more prominent on the right side of the image.

FOR WHOM?

FOR WHOM?

- Individuals tracking fitness goals.
- People trying to establish consistent walking habits.
- Anyone wanting to understand their activity patterns.

The background is a solid purple color with a gradient. There are faint, light-colored circular patterns and lines scattered across the background, particularly on the right side. These patterns include concentric circles, arcs, and some lines with arrows, suggesting a technical or scientific theme.

WHY?

WHY?

- Self-awareness.
- Motivation.
- To make decisions.
- Discover patterns.

DASHBOARD OVERVIEW

The background of the slide is a solid purple color. It features several faint, light-colored circular patterns and arcs. On the right side, there are concentric circles with arrows indicating a clockwise direction. On the left side, there are similar circular elements, some with arrows. The overall design is modern and tech-oriented.

DASHBOARD OVERVIEW

❏ 8 KPIs

Track averages, streaks, best locations and temperatures.

DASHBOARD OVERVIEW

❑ 8 KPIs

Track averages, streaks, best locations and temperatures.

❑ Monthly Calendar

Visual calendar with color-based daily performance.

DASHBOARD OVERVIEW

☐ 8 KPIs

Track averages, streaks, best locations and temperatures.

☐ Timeline View

Bubble chart showing steps over time with temperature.

☐ Monthly Calendar

Visual calendar with color-based daily performance.

DASHBOARD OVERVIEW

❑ 8 KPIs

Track averages, streaks, best locations and temperatures.

❑ Monthly Calendar

Visual calendar with color-based daily performance.

❑ Timeline View

Bubble chart showing steps over time with temperature.

❑ 3 Bar Charts

Compare activity patterns by day, location and temperature.

WHY THESE VISUALIZATIONS ?

WHY THESE VISUALIZATIONS ?

Monthly calendar

Why: pattern recognition. Can easily identify streaks and best days.

Encoding: *Circle size* = # steps; *Color* = goal achievement.

WHY THESE VISUALIZATIONS ?

Monthly calendar

Why: pattern recognition. Can easily identify streaks and best days.

Encoding: *Circle size* = # steps; *Color* = goal achievement.

Timeline View: Bubble Chart

Why: temporal trends. Can observe how activity changes over the entire 100-day period.

Encoding: *Bubble size* = temperature; *Color* = goal status.

WHY THESE VISUALIZATIONS ?

Monthly calendar

Why: pattern recognition. Can easily identify streaks and best days.

Encoding: *Circle size* = # steps; *Color* = goal achievement.

Timeline View: Bubble Chart

Why: temporal trends. Can observe how activity changes over the entire 100-day period.

Encoding: *Bubble size* = temperature; *Color* = goal status.

Bar Charts

Why: analysis. Which factors (day, location, temperature) drive activity?.

Encoding: *Bar height* = avg. # steps; *Color* = goal achievement.

KEY INSIGHTS FROM 100 DAYS

KEY INSIGHTS FROM 100 DAYS

MOST ACTIVE DAY

SATURDAY

KEY INSIGHTS FROM 100 DAYS

MOST ACTIVE DAY

SATURDAY

MOST ACTIVE LOCATION

LA PALMA

KEY INSIGHTS FROM 100 DAYS

MOST ACTIVE DAY	MOST ACTIVE LOCATION	MOST ACTIVE TEMP
SATURDAY	LA PALMA	10-15°C

KEY INSIGHTS FROM 100 DAYS

MOST ACTIVE DAY

SATURDAY

MOST ACTIVE LOCATION

LA PALMA

MOST ACTIVE TEMP

10-15°C

LEAST ACTIVE DAY

WEDNESDAY

KEY INSIGHTS FROM 100 DAYS

MOST ACTIVE DAY

SATURDAY

MOST ACTIVE LOCATION

LA PALMA

MOST ACTIVE TEMP

10-15°C

LEAST ACTIVE DAY

WEDNESDAY

LEAST ACTIVE LOCATION

TENERIFE

KEY INSIGHTS FROM 100 DAYS

MOST ACTIVE DAY

SATURDAY

MOST ACTIVE LOCATION

LA PALMA

MOST ACTIVE TEMP

10-15°C

LEAST ACTIVE DAY

WEDNESDAY

LEAST ACTIVE LOCATION

TENERIFE

LEAST ACTIVE TEMP

30-35°C

LIMITATIONS

LIMITATIONS

- 100-day period only → limited to long-term trends.
- No activity type data → cannot distinguish walking vs running.
- Only tracks steps, not pace, intensity...
- Manual data entry → recording errors.

DASHBOARD OVERVIEW

<https://daily-step-count-dashboard-mpnq58patoarpqpahpmpen.streamlit.app/>



THANK YOU!