

Live Dashboards: Real-Time Decision Support

What is a Live Dashboard?

- A **data visualization tool** that provides **near-real-time updates**.
 - Used across industries to support **time-sensitive decision-making**.
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Key Features of Live Dashboards

1. Time-Sensitive Data (Perishable Data)

- Data that **loses value quickly** if not acted upon.
- Example: **Stock ticker** showing live prices for traders.
- Helps users **spot trends** and make **fast decisions**.

2. Automatic Refreshing

- Dashboards update **automatically at regular intervals**.
- Ensures users always see the **latest metrics** without manual updates.

3. Alerting

- Sends **notifications** when certain conditions are met (e.g., thresholds exceeded).
 - Useful when teams **can't monitor dashboards constantly**.
 - Helps detect issues **early** and keep stakeholders informed.
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Example: Website Monitoring Team

- **Joe** notices a drop in time spent on pages.
- **Zara** sees an increase in page load time.
- **Chang** compares both metrics and identifies a **correlated issue**.
- The team acts quickly to **fix the website**.

Alert Setup

- Alerts notify the team when **web traffic exceeds or drops below thresholds**.
 - Ensures **quick response** even when the team is away.
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Why Live Dashboards Matter

- Enable teams to:
 - Monitor **KPIs** in real-time
 - Detect and respond to **issues quickly**
 - Make **informed, time-sensitive decisions**