Real-Time Performance Dashboard

Included Files in this package:
- Performance_Data.csv : Simulated dataset (~10,000 rows)
- powerbi_theme.json : Dark neon theme for Power BI
- icon_*.png : Small icons to use in your report

How to build the report in Power BI Desktop

1. Open Power BI Desktop (Windows).

2. Get Data → Text/CSV → select Performance_Data.csv and click Load.

3. In the View ribbon, open 'Themes' → 'Browse for themes' and select powerbi_theme.json.

4. In Report view, create a new page. Set page background to dark color (#0F1724) via Format Page → Page background.

5. Add KPI cards: use 'Card' visual, bind to columns: FPS, MemoryMB, CPUPercent, LatencyMS, DataPoints. Use the provided icons as Image visuals or put them into cards via Format -> Add Image (or use Image visual).

6. Create a Line Chart: Axis = ISOTime (or Timestamp converted to DateTime), Values = FPS (or select other metric via a slicer). Use 'Continuous' X axis if needed.

7. Add slicers: Time Range (create a relative time filter using a calculated column or use the Timestamp slicer) and Chart Type (create a disconnected table with 'Line','Bar' and use bookmarks to switch visuals).

8. Use the Status field to create a color rule or Card showing 'Running' / 'Paused'.

9. Adjust visual colors to match the theme (dataColors in powerbi_theme.json).

10. Save your report as a .pbix file. To create a reusable template, File → Export → Power BI template (.pbit).

Notes

• The CSV simulates readings every 100ms. Use Power Query to aggregate or downsample for smoother visuals.
• To simulate 'real-time' updates in Power BI, consider using a streaming dataset or DirectQuery to a source that updates frequently.

Icon: icon_cpu.png

Icon: icon_memory.png

Icon: icon_fps.png

Icon: icon_latency.png