**📊 Project Management Dashboard with Gantt Chart (Excel)**

An Excel-based interactive dashboard that incorporates a Gantt chart, resource planning, progress tracking, and alerts—all on a single sheet!

**🧭 Project Overview**

This template helps project managers visualize and monitor project plans in Excel. It features:

* **Gantt chart** tracking tasks, timelines, durations, and percent complete in a clear bar-chart timeline format
* **Resource allocation** to identify workload and prevent bottlenecks
* **Progress & alerts** via conditional formatting for highlighting overdue or critical tasks
* **Interactive filters** (slicers/tables) to view tasks by project phase, owner, or status
* **Data consistency** using Excel tables, formulas, and dynamic charts

**⚙️ Features & Functionality**

1. **Task Planning**
   * Define tasks with start/end dates or durations
   * Set % complete, assignment, and dependencies
2. **Gantt Chart Timeline**
   * Built using a stacked-bar chart with hidden start-date series
   * Reversed vertical axis for intuitive task order
   * Visual markers: Today line, milestones, critical paths
3. **Resource & Utilization View**
   * Resource column with pivot or formula-driven summary of workload
4. **Progress Tracking & Alerts**
   * % complete shading on bars
   * Overdue tasks flagged via date-based conditional formatting
5. **Interactive Dashboard**
   * Use Excel slicers or table filters to focus on specific phases, owners, or dates

**🛠️ How to Use**

1. **Open the Excel file** in your preferred version (supports 2016+ including 365).
2. **Enter project data**: Task, Start Date, Duration (or End Date), % Complete, Owner.
3. **Watch the Gantt render automatically** based on the data table.
4. **Customize visuals**: change bar colors, alert thresholds, or project start date.
5. **Use pivot charts/slicers** to filter data by team members or phase.
6. **Update weekly**: Gantt chart, task status, and resources refresh automatically.

**🚀 How It Helps**

* **One-page clarity** – see all project tasks, timeline, progress, and resource assignments in one view
* **Proactive management** – overdue tasks stand out and dependencies are visualized
* **Team transparency** – slicers allow each stakeholder to focus on what's relevant to them
* **Flexible & adaptable** – suitable for anything from small software sprints to larger multi-phase projects