# Employee Performance Dashboard - Excel Project

## About the Project

This is a professional Excel dashboard that analyzes employee performance based on salary, bonus, department, and feedback. It demonstrates key data analytics skills using formulas, dropdowns, conditional formatting, and Power Query.

## Tools Used

* Microsoft Excel (Power Query + Formulas)
* Excel Tables and Named Ranges
* Form Controls (Dropdowns)
* Conditional Formatting

## Files Included

* Employee\_Dashboard.xlsx – Main dashboard with slicers, logic, and visualizations
* Raw\_Data.csv – Original dataset before cleaning
* Cleaned\_Data.xlsx – Final data after transformations
* Screenshots/ – Contains screenshots of the dashboard and transformations

## Skills Demonstrated

* **Power Query**: Data cleaning, formatting, removing duplicates, creating summary columns
* **Formulas**: IF(), SUMIFS(), XLOOKUP(), FILTER(), TEXTJOIN(), LEN(), COUNTIF(), IFS()
* **Dashboarding**: Dropdowns, summary cards, color-coded performance metrics
* **Conditional Formatting**: Highlighting top earners, performance ratings, and bonus tiers
* **Interactivity**: Dynamic responses based on department selection or bonus filters

## Features

* Auto-highlights top performers (bonus > 6000)
* Color-coded salary bands: Top Earner vs Regular
* Dynamic text-based summaries like “Carlos from Tech got 7000 as bonus and Excellent performance”
* Quick filters to explore departments or performance tiers

## How to Use

1. Open Employee\_Dashboard.xlsx
2. Choose department from the dropdown
3. Use slicers/filters to explore by bonus or performance
4. View summaries and statistics

## Lessons Learned

* Power Query can massively simplify cleaning
* Dynamic formulas give life to dashboards
* Small things like formatting, alignment, and labeling make a big difference

## What’s Next

* Convert to Power BI version with visuals and cards
* Add macros for data refresh automation
* Explore KPI integration with slicer-based storytelling

Feel free to fork this project, give it a star, or try building your own based on it!

Built by Vamsi as part of the Data-Analyst journey