

# Ruthgina Uwidia - Data Analytics Portfolio

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## Gender Distribution & Pay Gap Analysis

*Tools: Power BI*

Analyzed gender distribution by department and identified departments/regions with notable gender pay gaps. Used conditional formatting and visuals like bar charts, pie charts, and matrices.

## KMS Sales Performance

*Tools: SQL Server*

Wrote queries to analyze top/bottom performing regions, best-selling product categories, and total regional sales. Included data formatting and summary queries for reporting.

## Salary Band Distribution

*Tools: Power BI & DAX*

Grouped employees into \$10,000 salary bands, used slicers to filter by region, and visualized results using clustered column charts and cards for total compliance reporting.

## Bonus Allocation Report

*Tools: Excel & Power BI*

Merged datasets to compute bonus amounts based on performance ratings, then calculated total employee pay (salary + bonus) using custom columns. Visualized with matrix and charts.