

## Project 2: Data Professional Survey Breakdown (2022)

### Overview

This dashboard analyses survey data from data professionals to better understand roles, skills, salaries, and job satisfaction across the data industry.

### Key Questions the Dashboard Answers:

- 1) What roles do people work in and where are they located?
- 2) How do average salaries compare by job title?
- 3) Which programming languages are most commonly used?
- 4) How satisfied are people with salary and work-life balance?
- 5) How difficult do people find breaking into data roles?

### What I Did

- 1) Cleaned and standardised survey responses for consistent analysis
- 2) Created measures for averages, counts, and satisfaction scores
- 3) Used a mix of visuals (bar charts, donut charts, gauges) to show comparisons clearly

### Key Findings

- ✓ **630 respondents** with an average age of **29.87**
- ✓ Data Scientists and Data Engineers report the highest average salaries
- ✓ Python is the most popular programming language across roles
- ✓ Most respondents find breaking into data neither easy nor very difficult
- ✓ Work-life balance is rated higher than salary satisfaction

### How This Helps Decision-Making

- ✓ Helps employers benchmark roles and compensation
- ✓ Shows which technical skills are most in demand
- ✓ Gives realistic insight into career expectations in data roles