

Data Professional Survey Analysis Report

PAGE 1 – DEMOGRAPHIC ANALYSIS

Gender Distribution

Problem Statement: Identify gender participation

Chart: Donut Chart

Why This Chart: Best for showing proportions

What It Does: Displays male vs female distribution clearly

Age Distribution

Problem Statement: Understand age group participation

Chart: Bar Chart

Why This Chart: Easy comparison between age groups

What It Does: Shows which age groups are most active

Job Title Distribution

Problem Statement: Identify common job roles

Chart: Pie Chart

Why This Chart: Good for category percentages

What It Does: Shows job role share among respondents

Career Switch into Data

Problem Statement: Check if people switched careers

Chart: Donut Chart

Why This Chart: Simple Yes/No visualization

What It Does: Highlights career transition trend

Education Level Distribution

Problem Statement: Understand education background

Chart: Bar Chart

Why This Chart: Good for multi-category comparison

What It Does: Shows education level distribution

Country Distribution

Problem Statement: Identify respondent locations

Chart: Map

Why This Chart: Best for geographic data

What It Does: Visualizes country-wise participation

Alternate Education View

Problem Statement: Reinforce education insights

Chart: Bar Chart

Why This Chart: Provides second visual perspective

What It Does: Confirms education trends

Industry Distribution

Problem Statement: Identify industries represented

Chart: Donut Chart

Why This Chart: Clean proportion comparison

What It Does: Shows industry participation ratio

Age Trend

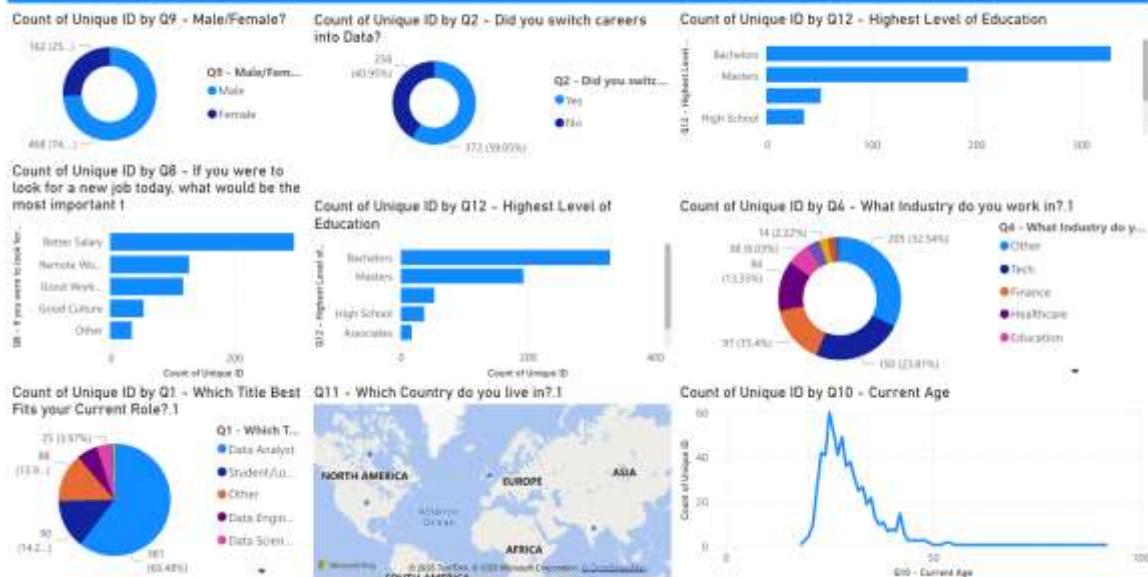
Problem Statement: Identify age trend pattern

Chart: Line Chart

Why This Chart: Best for trend visualization

What It Does: Displays age distribution trend

Data Professional Survey



PAGE 2 – SALARY & CAREER ANALYSIS

Salary Distribution

Problem Statement: Understand salary spread

Chart: Column Chart

Why This Chart: Easy comparison across ranges

What It Does: Shows count of salary groups

Average Salary by Job Role

Problem Statement: Compare salaries across job roles

Chart: Bar Chart

Why This Chart: Effective for comparison

What It Does: Displays average salary per role

Salary by Industry

Problem Statement: Identify high-paying industries

Chart: Bar Chart

Why This Chart: Clear category comparison

What It Does: Shows average salary per industry

Career Switch vs Salary

Problem Statement: Analyze impact of career switching

Chart: Clustered Bar Chart

Why This Chart: Best for side-by-side comparison

What It Does: Compares salary of switchers vs non-switchers

Most Important Job Factors

Problem Statement: Understand employee priorities

Chart: Bar Chart

Why This Chart: Easy comparison of preferences

What It Does: Displays top job factors

Career Entry Difficulty

Problem Statement: Identify entry difficulty level

Chart: Donut Chart

Why This Chart: Simple visual for levels

What It Does: Shows distribution of difficulty levels

Salary by Country

Problem Statement: Compare salary by location

Chart: Bar Chart

Why This Chart: Effective for geographical salary comparison

What It Does: Shows salary trends across countries

Salary vs Education Level

Problem Statement: Analyze education impact on salary

Chart: Column Chart

Why This Chart: Clean comparison structure

What It Does: Shows salary variation by education

Salary Satisfaction Analysis

Problem Statement: Measure satisfaction with salary

Chart: Line Chart

Why This Chart: Shows satisfaction pattern

What It Does: Displays count across satisfaction levels

SALARY & CAREER ANALYSIS



PAGE 3 – JOB SATISFACTION & WORK EXPERIENCE

Work-Life Balance Satisfaction

Problem Statement: Evaluate work-life satisfaction

Chart: Column Chart

Why This Chart: Simple category comparison

What It Does: Shows satisfaction levels clearly

Coworker Relationship Satisfaction

Problem Statement: Measure workplace relationships

Chart: Bar Chart

Why This Chart: Clean horizontal comparison

What It Does: Displays coworker satisfaction level

Management Satisfaction

Problem Statement: Identify leadership satisfaction

Chart: Column Chart

Why This Chart: Best for structured comparison

What It Does: Shows management satisfaction levels

Growth & Promotion Satisfaction

Problem Statement: Evaluate career growth opportunities

Chart: Bar Chart

Why This Chart: Good for satisfaction metric

What It Does: Displays promotion satisfaction levels

Learning & Development Satisfaction

Problem Statement: Measure learning opportunities

Chart: Line Chart

Why This Chart: Best for trend view

What It Does: Shows learning satisfaction trend

Salary vs Satisfaction

Problem Statement: Analyze salary and satisfaction relationship

Chart: Clustered Column Chart

Why This Chart: Side-by-side comparison

What It Does: Shows how salary affects satisfaction

Career Entry Difficulty Analysis

Problem Statement: Measure difficulty of entering data field

Chart: Donut Chart

Why This Chart: Simple visual breakdown

What It Does: Displays perceived difficulty levels

Job Change Interest vs Work-Life Balance

Problem Statement: Relate satisfaction to job change interest

Chart: Bar Chart

Why This Chart: Comparison of two variables

What It Does: Shows how work-life balance influences job change

Overall Satisfaction Trend

Problem Statement: Identify overall satisfaction pattern

Chart: Line Chart

Why This Chart: Best for distribution trend

What It Does: Displays count across satisfaction levels

Life Balance Satisfaction

