

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

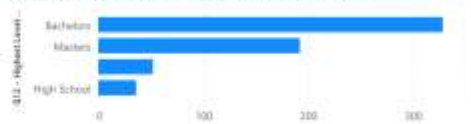
Count of Unique ID by Q9 - Male/Female?



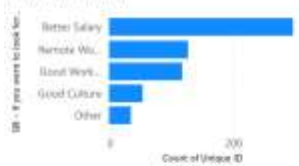
Count of Unique ID by Q2 - Did you switch careers into Data?



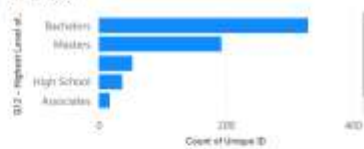
Count of Unique ID by Q12 - Highest Level of Education



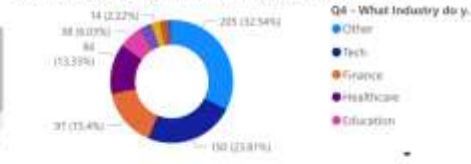
Count of Unique ID by Q8 - If you were to look for a new job today, what would be the most important?



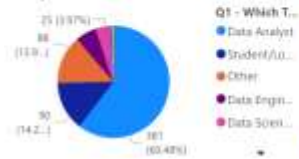
Count of Unique ID by Q12 - Highest Level of Education



Count of Unique ID by Q4 - What Industry do you work in?



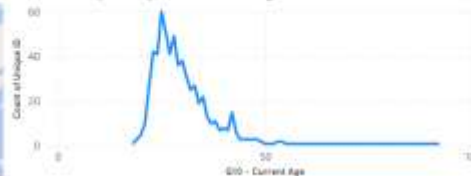
Count of Unique ID by Q1 - Which Title Best Fits your Current Role?



Q11 - Which Country do you live in?



Count of Unique ID by Q10 - Current Age



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

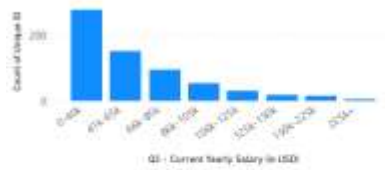
Chart: Line Chart

Why This Chart: Shows satisfaction pattern

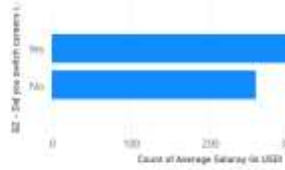
What It Does: Displays count across satisfaction levels

SALARY & CAREER ANALYSIS

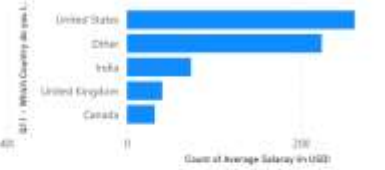
Salary Distribution of Respondents



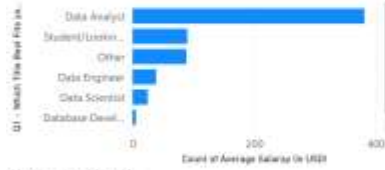
Career Switch vs Salary



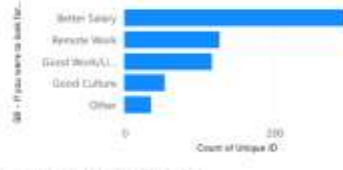
Salary by Country



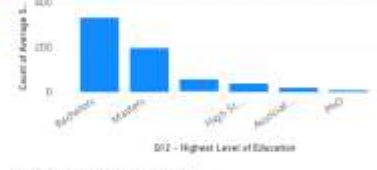
Average Salary by Job Role



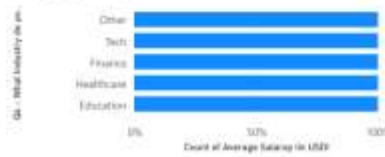
Most Important Job Factors



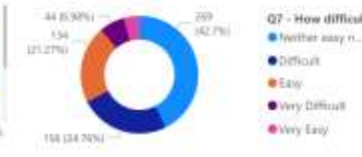
Salary vs Education Level



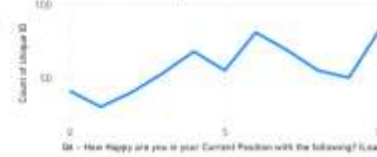
Salary by Industry



Difficulty in Entering Data Field



Salary Satisfaction 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

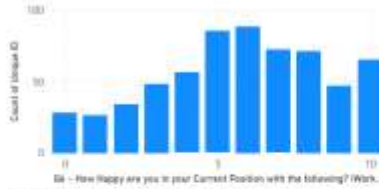
Chart: Line Chart

Why This Chart: Best for distribution trend

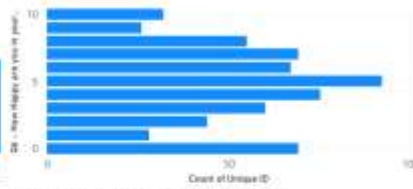
What It Does: Displays count across satisfaction levels

Life Balance Satisfaction

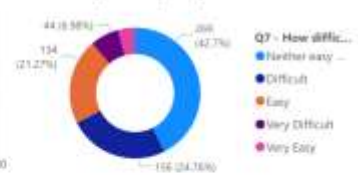
Life Balance Satisfaction



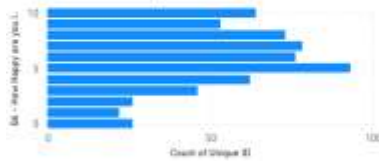
Growth & Promotion Satisfaction



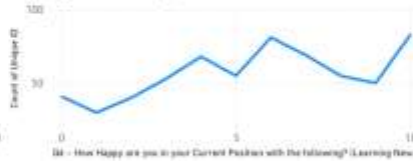
Career Entry Difficulty Analysis



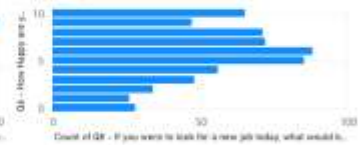
Coworker Relationship Satisfaction



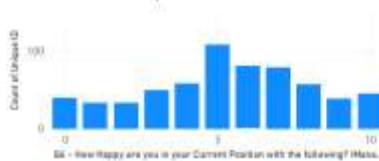
Learning & Skill Development Satisfaction



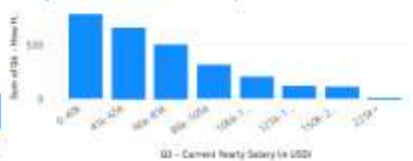
Job Change Interest vs Work/Life Balance Happiness



Coworker Relationship Satisfaction



Salary vs Satisfaction Relationship



Overall Job Satisfaction Trend

