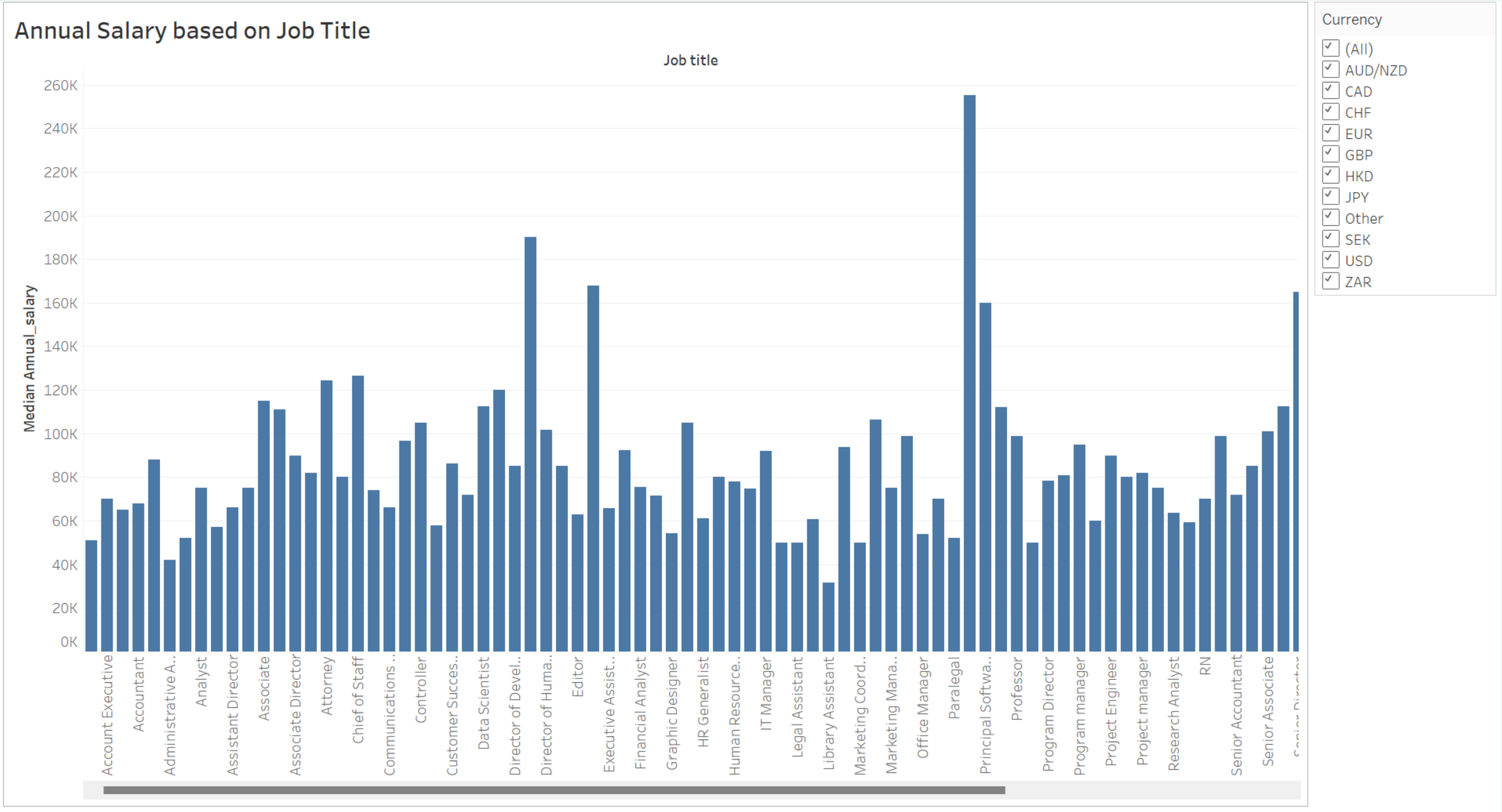


SALARY SURVEY

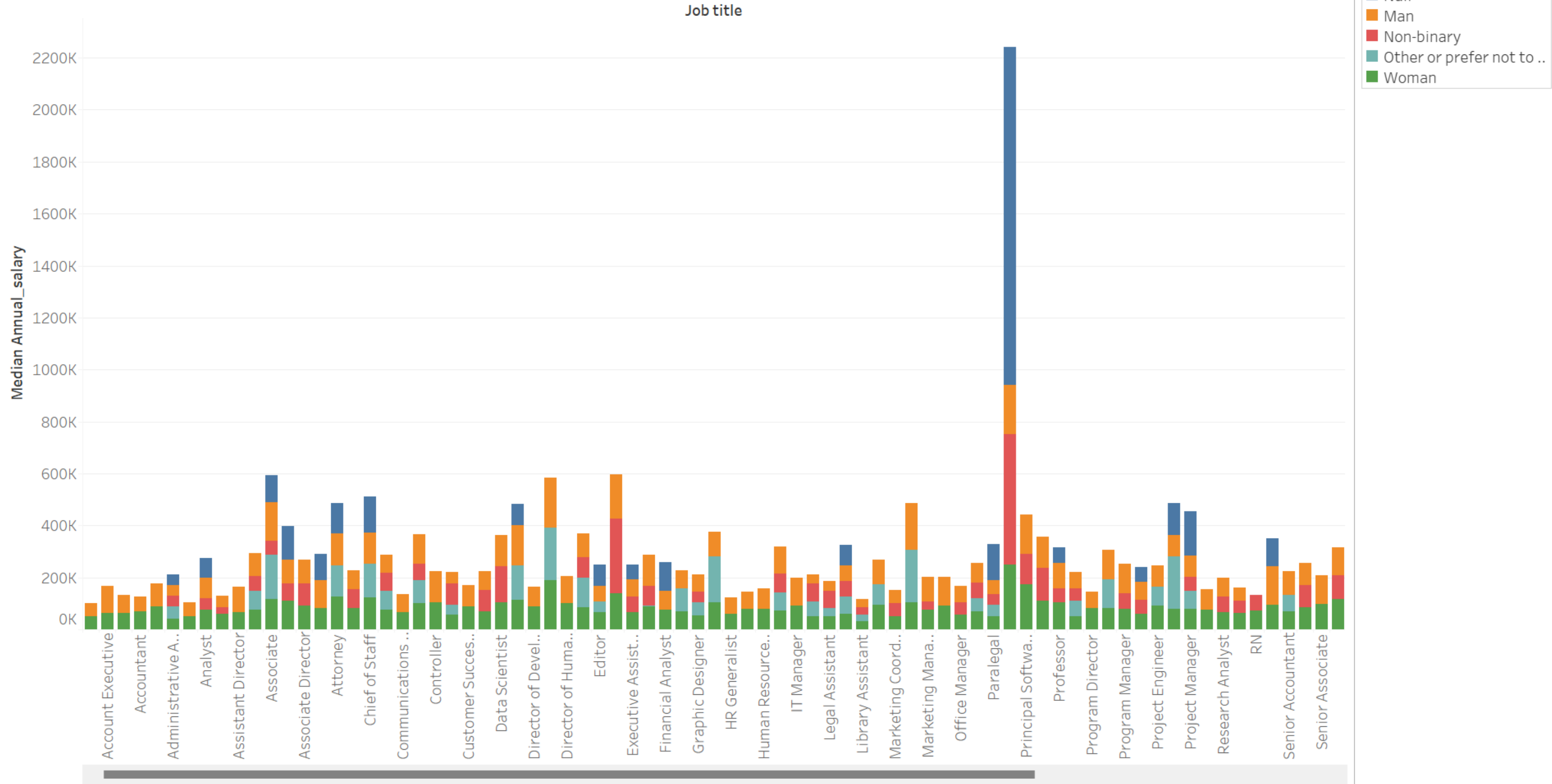
Madan Kumar Kumar
Durgaprasad Sunkara
Gaurangi Tyagi

TABLEAU VISUALIZATION

Before Cleaning



Anuual salary on the basis of gender



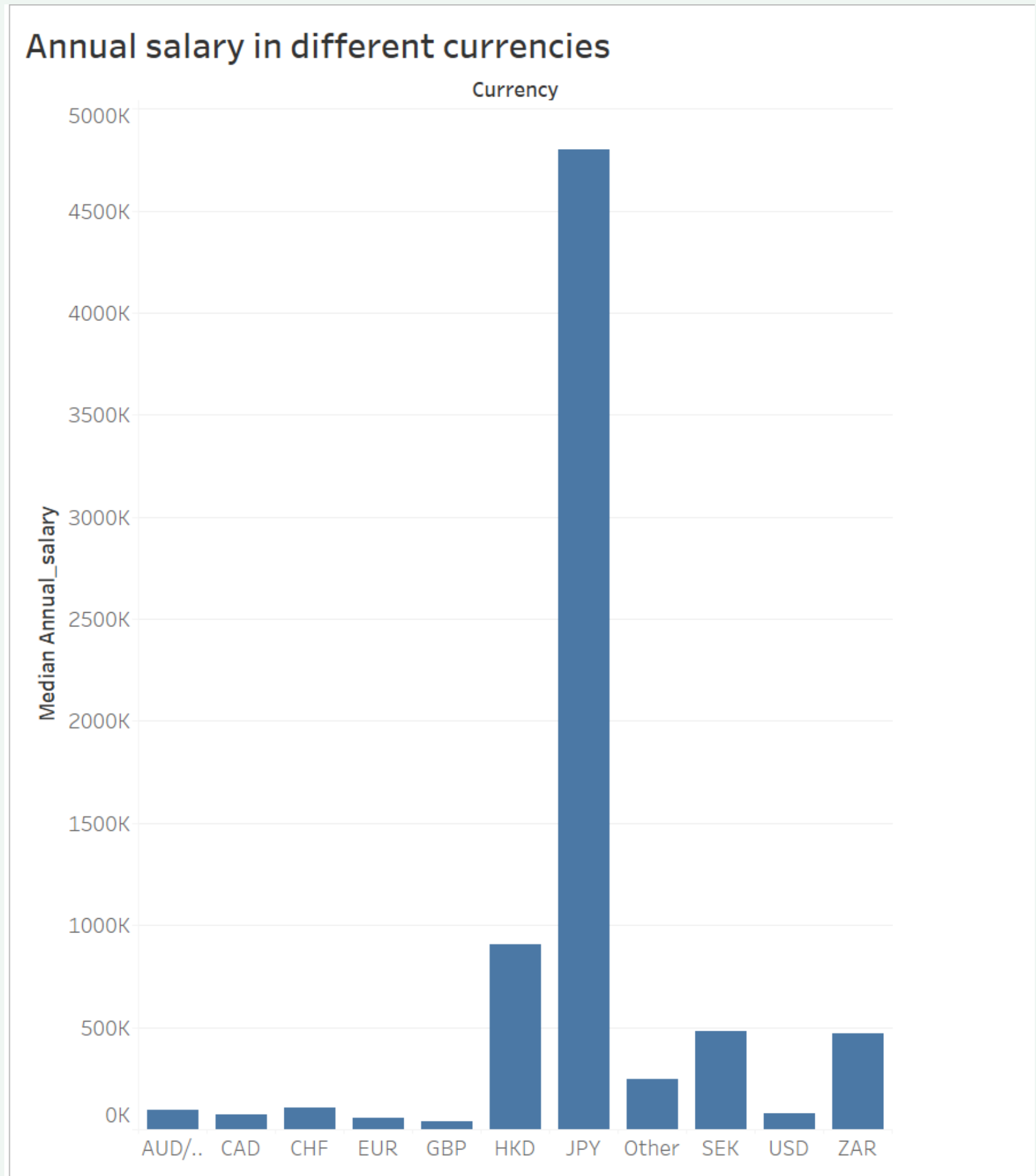
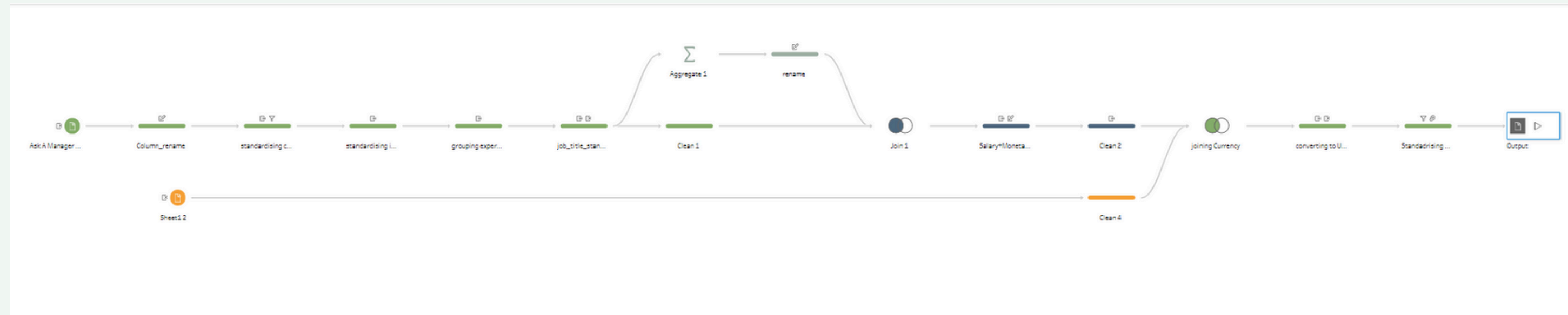


TABLEAU WORKFLOW



This workflow cleans salary survey responses from different countries and standardizes currencies, job titles, experience levels, and more for consistent analysis in Tableau.

KEY CLEANING STEPS

- Standardized currency entries (USD, GBP, INR, etc.)
- Converted all salaries to USD using an external exchange rate table
- Standardized gender and job title entries
- Converted buckets to numerals for experience.
- Filtered out outliers or incomplete records

CURRENCY STANDARDISATION

- Merged “Other Currency” into “Currency” using custom logic
- Used a lookup table (Excel/CSV) to join exchange rates
- Created a calculated field to convert salaries into USD

GENDER & JOB TITLE STANDARDIZATION

- Group free-text gender entries into:
Male, Female, Other / Prefer not to say
- Cleaned and grouped job titles
(e.g., “Software Developer” and “Engineer” → “Software Engineer”)
Professions with low response frequency are grouped under 'Other',
while students and interns are consolidated into a distinct category.

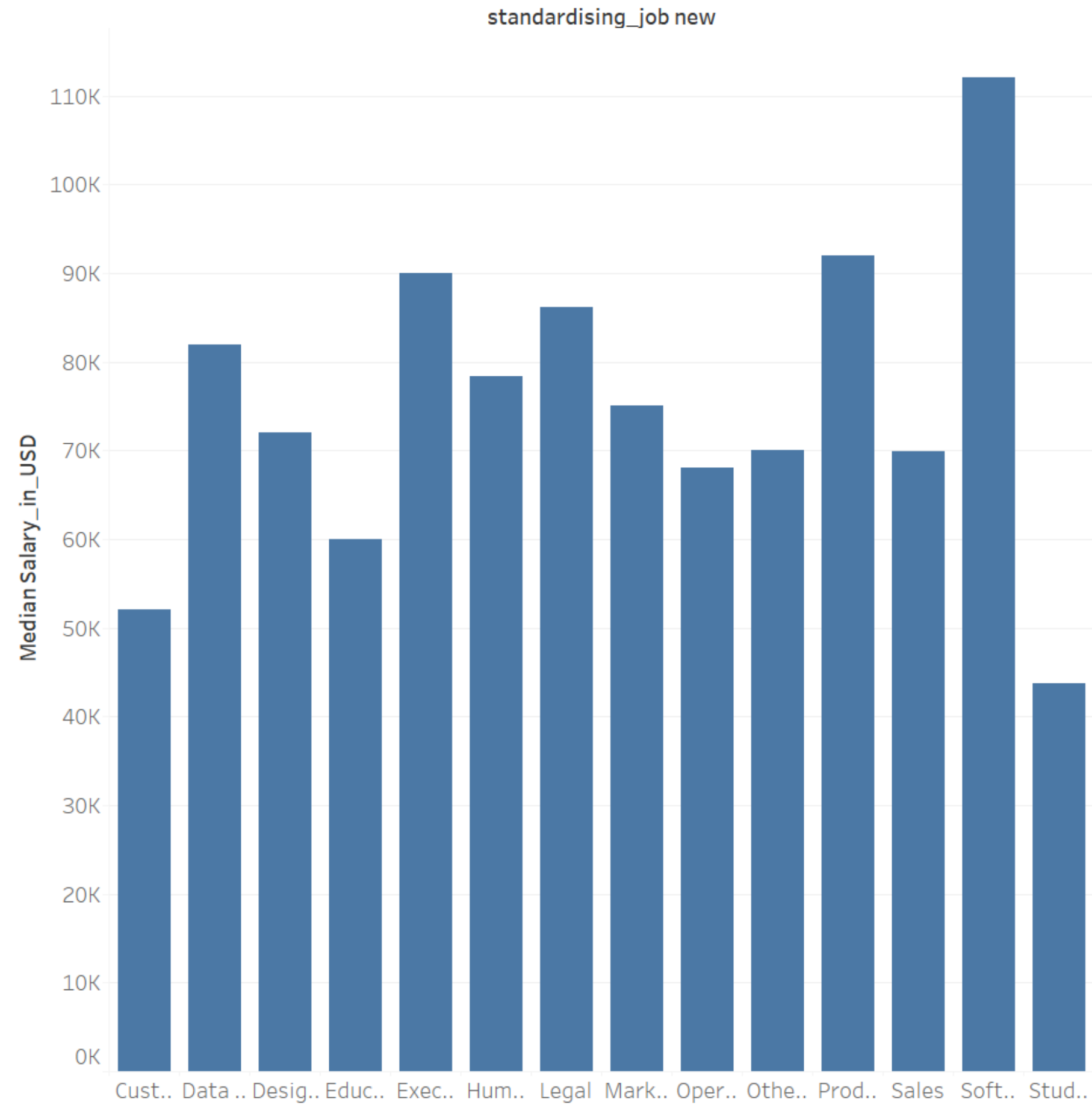
EXPERIENCE BUCKETS TO NUMERIC VALUE

- Converted Overall experience and Field work experience buckets into representative numeric values.
- This standardization made it possible to:
 - Perform average and median experience calculations
 - Visualize experience trends numerically
 - Enable sorting and filtering by experience level

TABLEAU VISUALIZATION

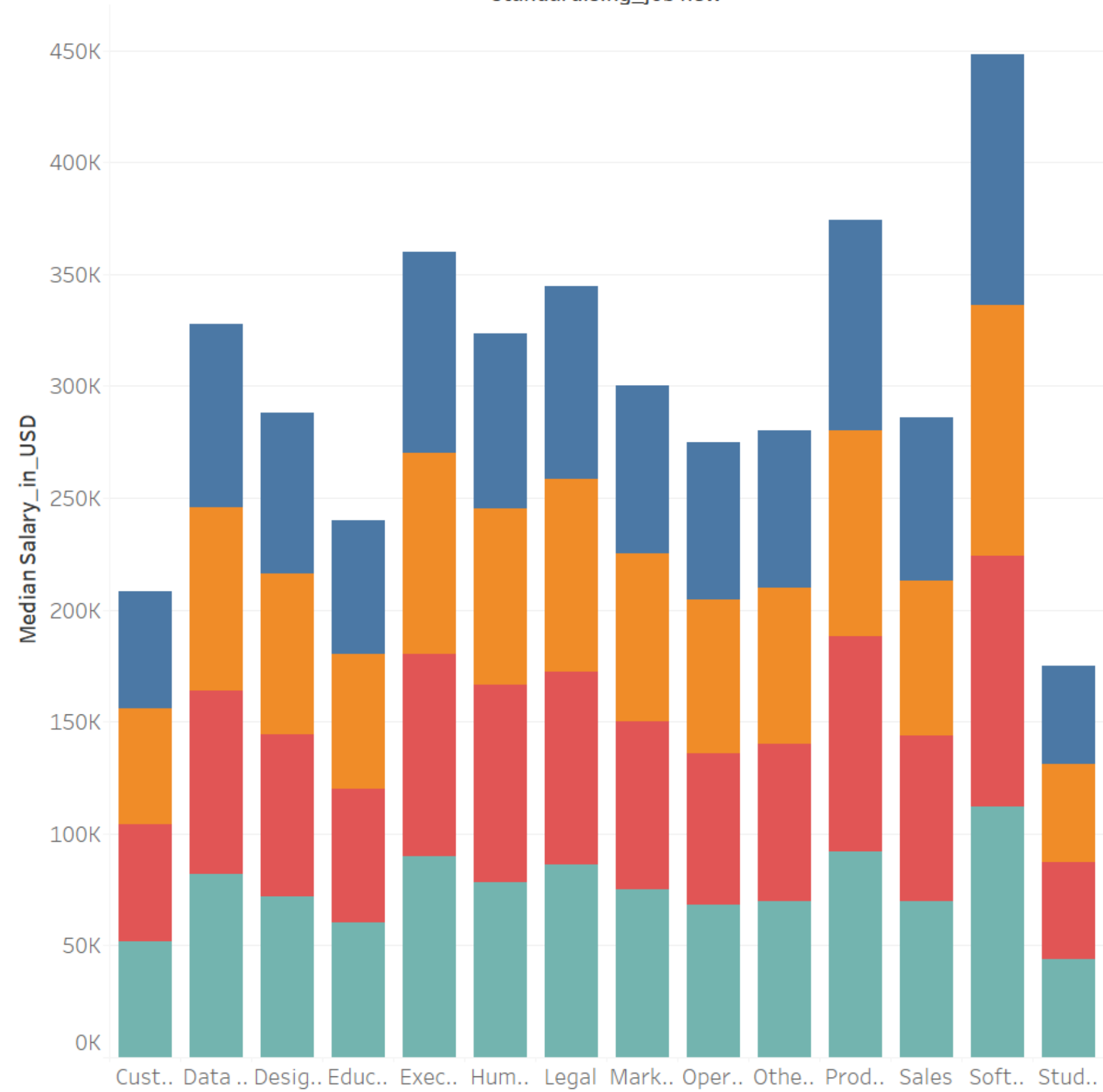
After Cleaning

Standardising The Job with salaries in USD



Salary on the basis of Gender

standardising_job new



Salary distribution based on Countries

