

# SALARY SURVEY

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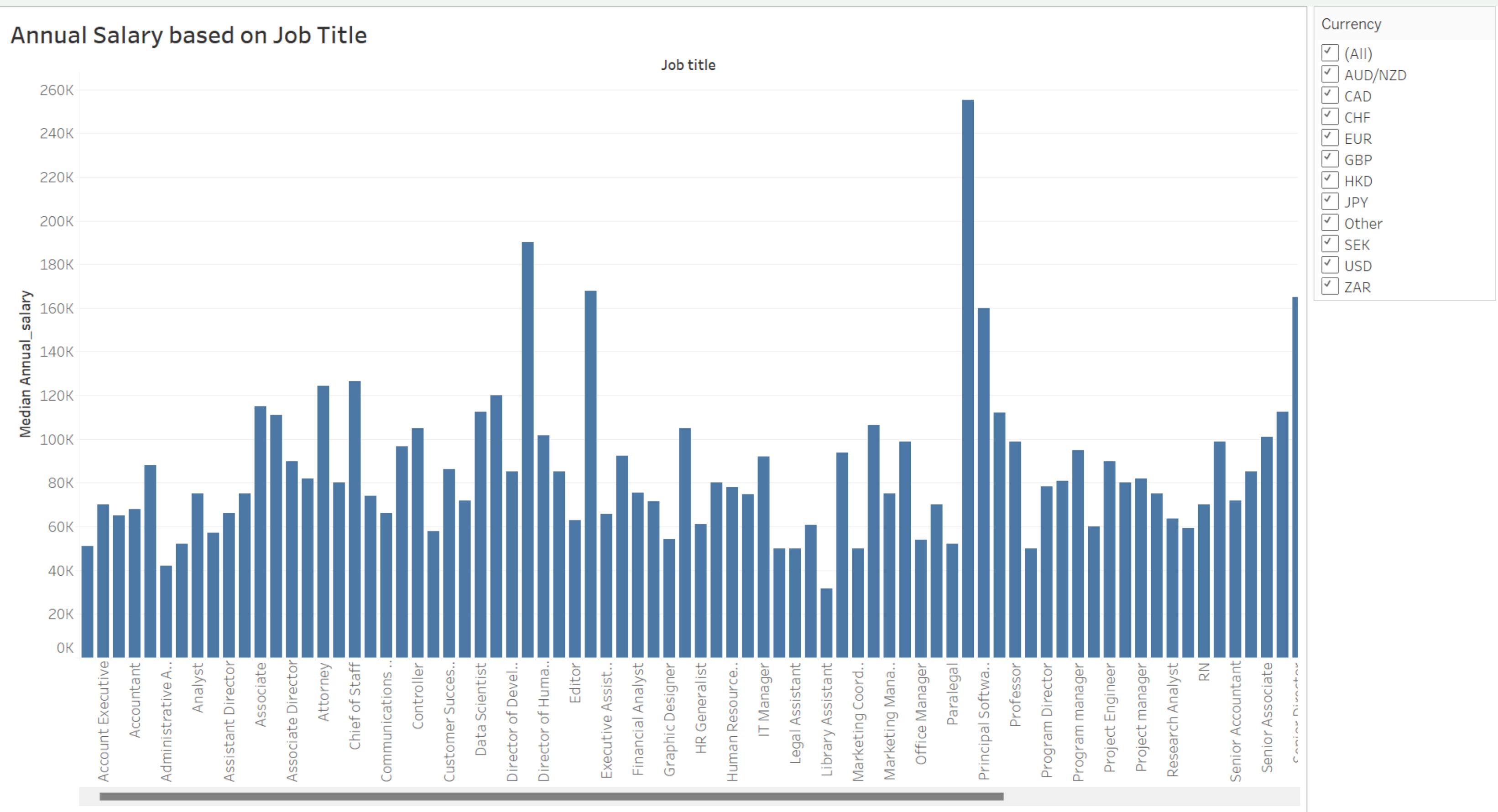


# TABLEAU VISUALIZATION

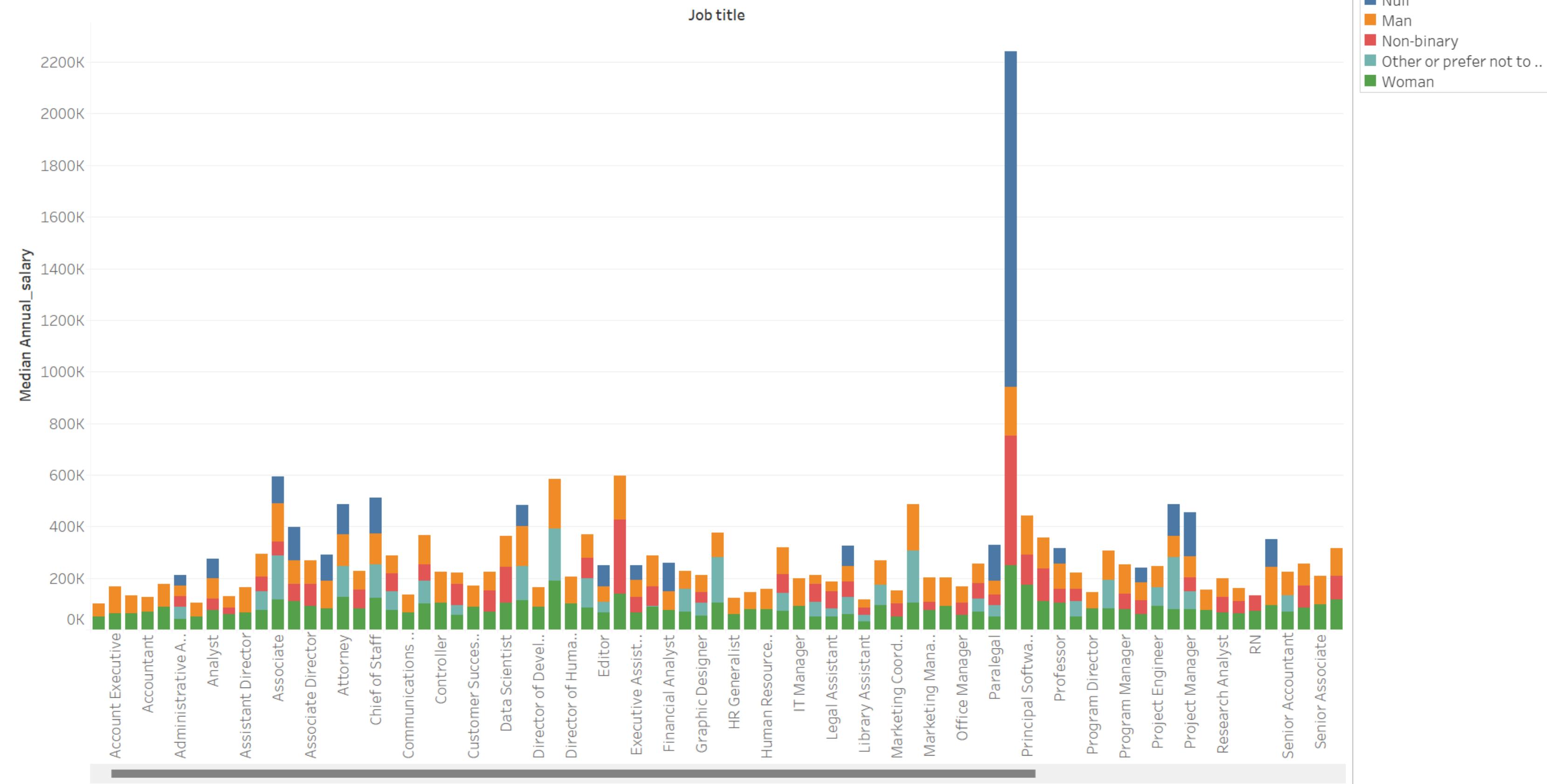
**Before Cleaning**



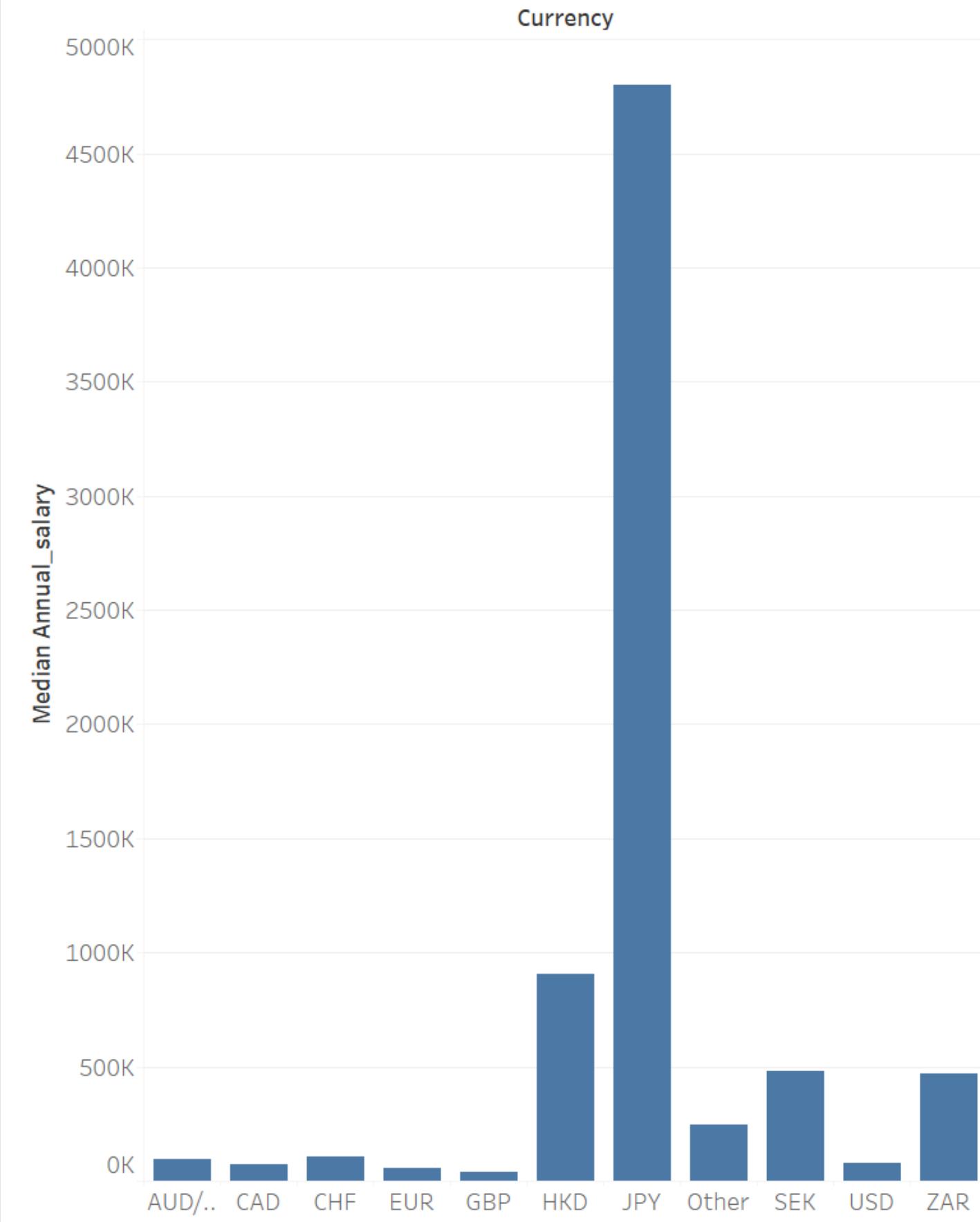
## Annual Salary based on Job Title



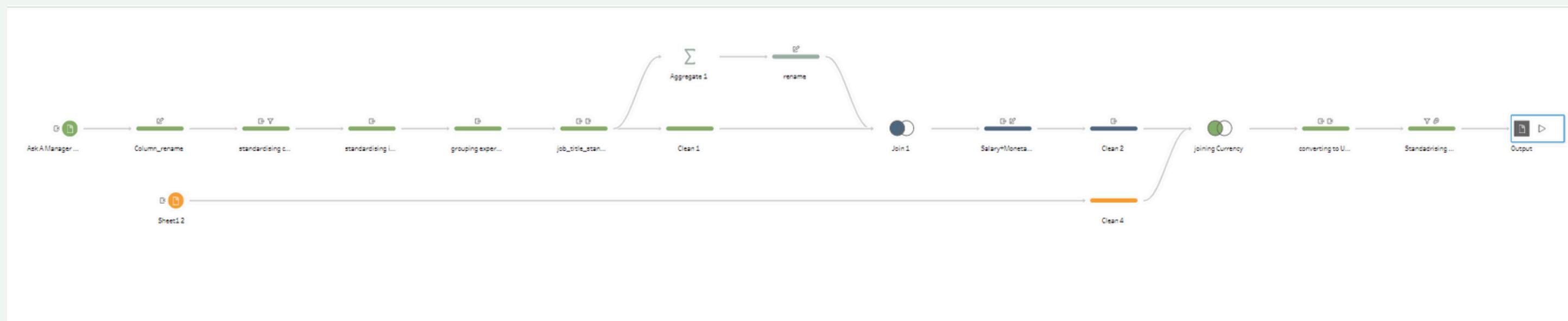
## Anuual salary on the basis of gender



## Annual salary in different currencies



# 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

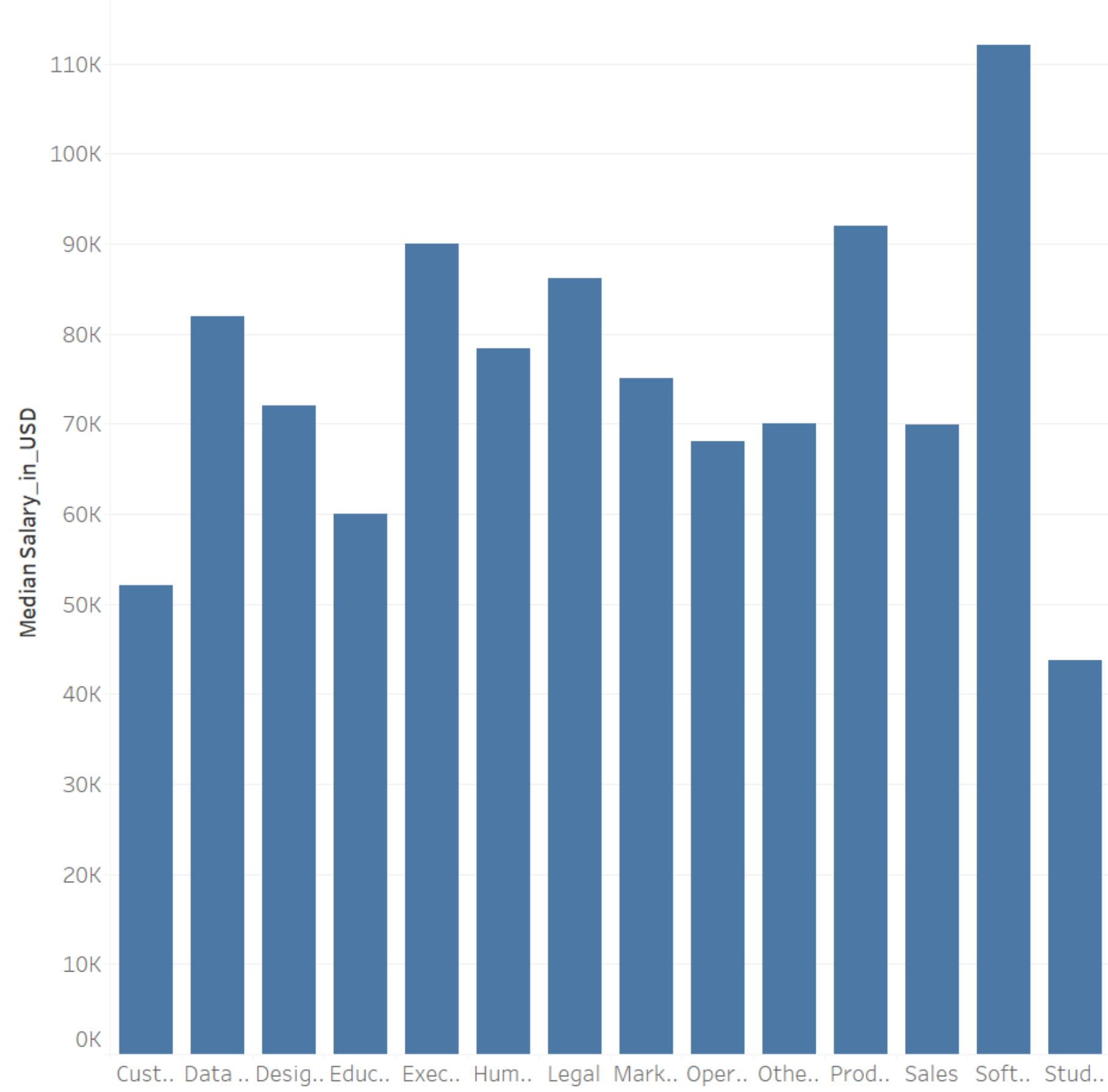
# TABLEAU VISUALIZATION

**After Cleaning**



## Standardising The Job with salaries in USD

standardising\_job new



## Salary on the basis of Gender

standardising\_job new

