# Data Profiling Report

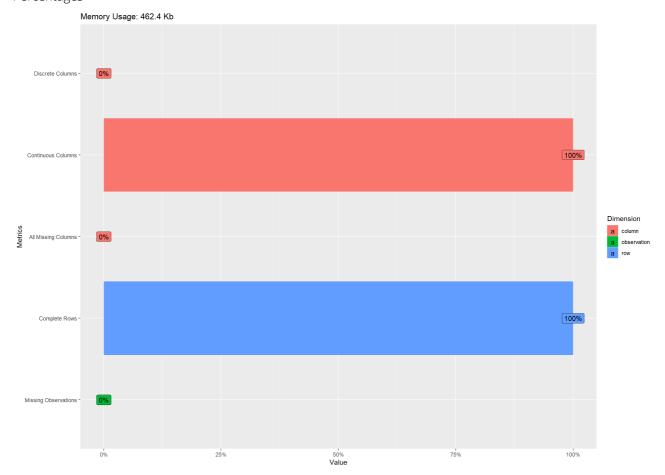
- Basic Statistics
  - Raw Counts
  - Percentages
- Data Structure
- Missing Data Profile
- Univariate Distribution
  - Histogram
  - QQ Plot
- Correlation Analysis
- Principal Component Analysis

#### **Basic Statistics**

#### Raw Counts

Name	Value
Rows	3,527
Columns	33
Discrete columns	0
Continuous columns	33
All missing columns	0
Missing observations	0
Complete Rows	3,527
Total observations	116,391
Memory allocation	462.4 Kb

#### Percentages

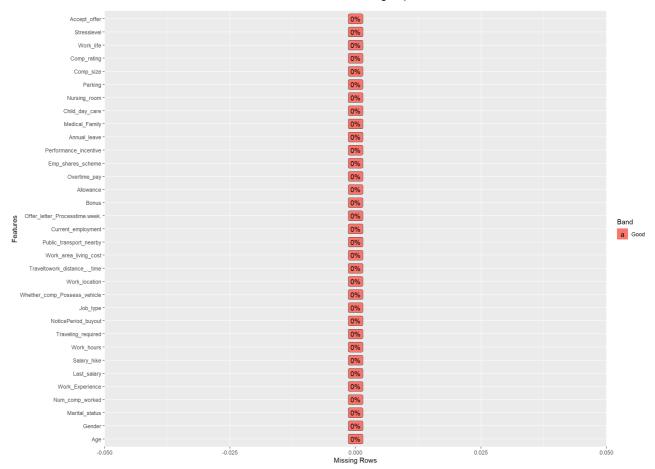


## Data Structure

root (Classes 'data.table' and 'data.frame': 3527 obs. of 33 variables:)

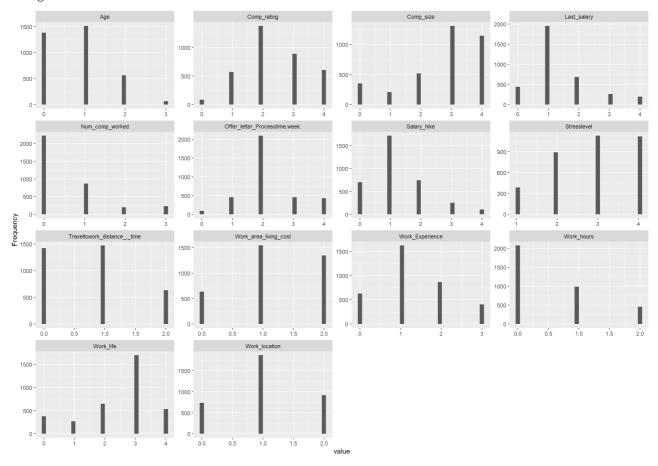
• Age (int)
• Gender (int)
• Gender (int)
• Marital status (int)
• Work Experience (int)
• Last Salary (int)
• Salary hike (int)
• Work hours (int)
• Salary hike (int)
• Work hours (int)
• Salary hike (int)
• Work hours (int)
• Traveling required (int)
• NoticePeriod buyout (int)
• Job type (int)
• Whether comp Possess vehicle (int)
• Work location (int)
• Traveltowork distance . time (int)
• Work area living cost (int)
• Public transport nearby (int)
• Current employment (int)
• Offer letter Processtime.week. (int)
• Bonus (int)
• Allowance (int)
• Overtime pay (int)
• Emp shares scheme (int)
• Performance incentive (int)
• Annual leave (int)
• Medical Family (int)
• Child day care (int)
• Nursing room (int)
• Parking (int)
• Comp rating (int)
• Stresslevel (int)
• Stresslevel (int)
• Accept\_offer (int)

Missing Data Profile

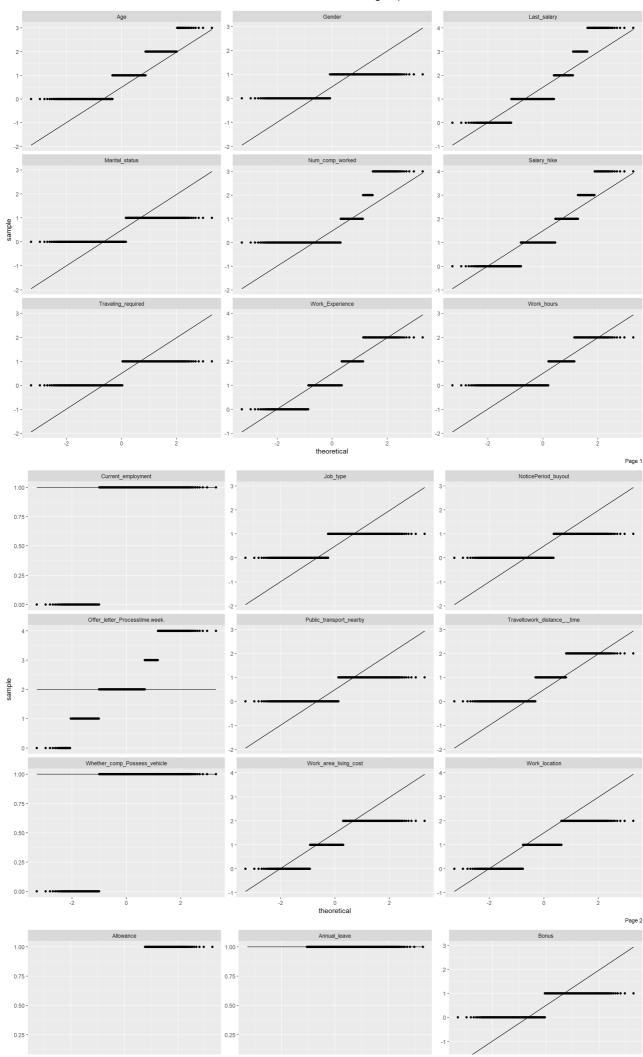


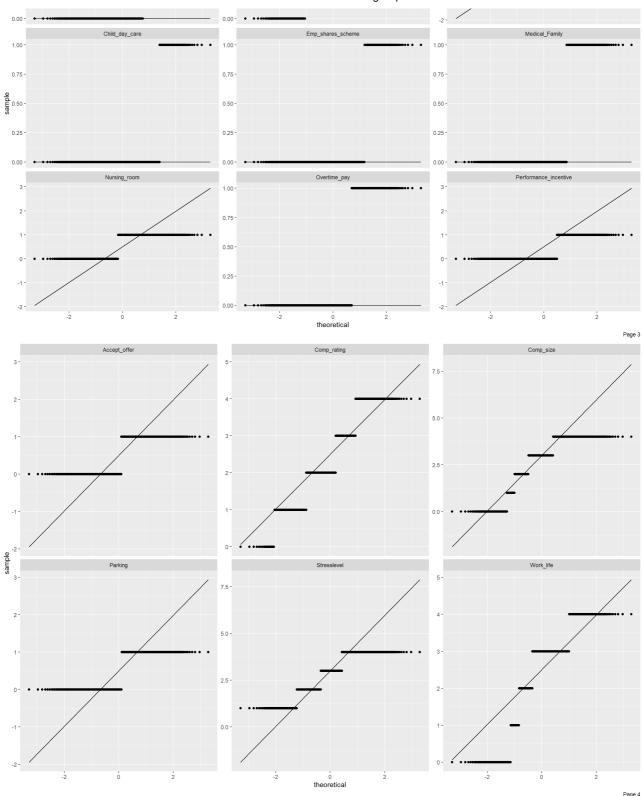
## Univariate Distribution

### Histogram

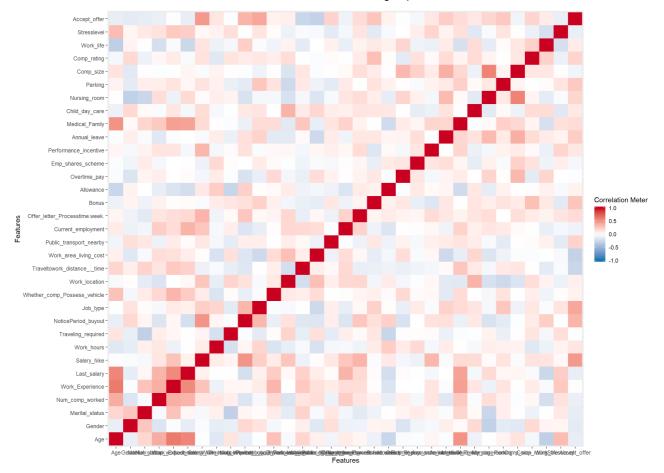


QQ Plot



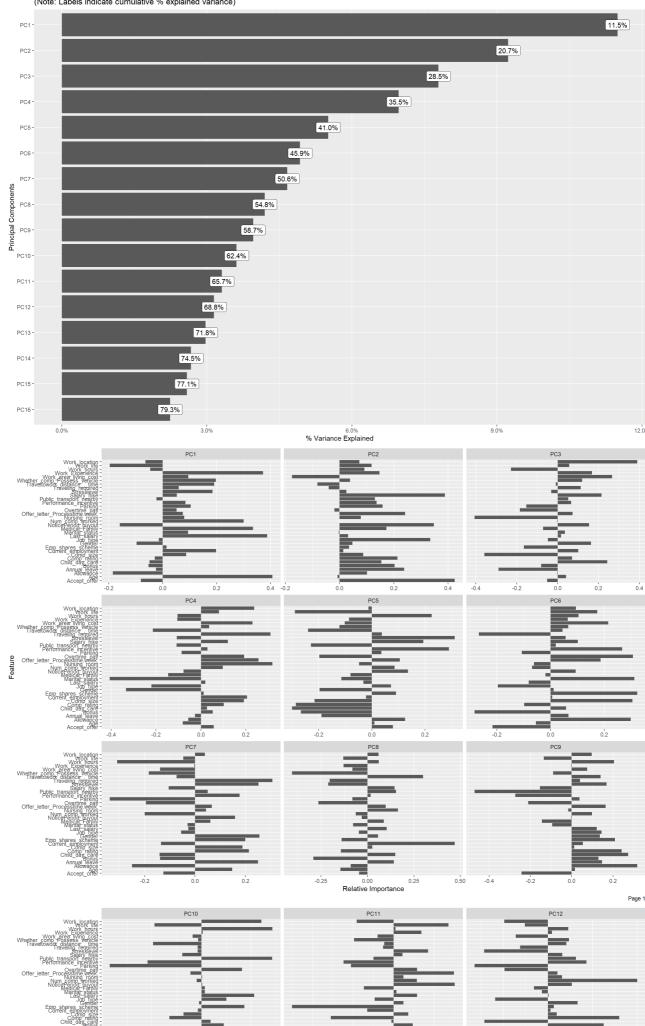


Correlation Analysis



Principal Component Analysis

% Variance Explained By Principal Components (Note: Labels indicate cumulative % explained variance)



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