

Overview

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Overview

Alerts 25

Reproduction

Dataset statistics

Number of variables	33
Number of observations	500
Missing cells	376
Missing cells (%)	2.3%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	548.8 KiB
Average record size in memory	1.1 KiB

Variable types

Numeric	13
Text	1
Categorical	13
DateTime	3
Boolean	3

Variables

Select Columns

▼

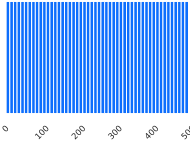
Employee_ID

Real number (ℝ)

Uniform

Unique

Distinct	500	Minimum	1
Distinct (%)	100.0%	Maximum	500
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	250.5	Memory size	4.0 KiB




More details

Employee_Name

Text

Unique

Distinct	500
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Memory size	35.2 KiB



More details

Gender

Categorical

Distinct	2
Distinct (%)	0.4%
Missing	0
Missing (%)	0.0%
Memory size	30.4 KiB

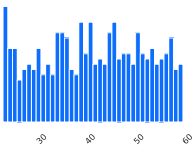
Female	252
Male	248

More details

Age

Real number (R)

Distinct	38	Minimum	22
Distinct (%)	7.6%	Maximum	59
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	40.448	Memory size	4.0 KiB

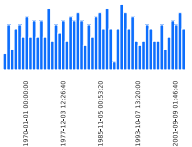


More details

Date_of_Birth

Date

Distinct	492	Minimum	1965-02-12 00
Distinct (%)	98.4%	Maximum	2003-10-05 00
Missing	0	Invalid dates	0
Missing (%)	0.0%	Invalid dates (%)	0.0%
Memory size	4.0 KiB		



More details

Branch

Categorical

Uniform

Distinct	4
Distinct (%)	0.8%
Missing	0
Missing (%)	0.0%
Memory size	32.8 KiB

United_Ki...	125
Singapore	125
India	125
South_Afr...	125

More details

Department

Categorical

Distinct	6
Distinct (%)	1.2%

Technical	94
Manage...	88
Finance	87

Missing	0
Missing (%)	0.0%
Memory size	31.3 KiB

Sales	82
Support	76

More details

Job_Role

Categorical

High correlation

Distinct	5
Distinct (%)	1.0%
Missing	0
Missing (%)	0.0%
Memory size	31.5 KiB

Engineer	111
Executive	103
Analyst	101
Clerk	98
Manager	87

More details

Salary_Level

Categorical

High correlation

Distinct	3
Distinct (%)	0.6%
Missing	0
Missing (%)	0.0%
Memory size	30.2 KiB

Medium	212
High	190
Low	98

More details

Work_Location

Categorical

Distinct	3
Distinct (%)	0.6%
Missing	0
Missing (%)	0.0%
Memory size	32.3 KiB

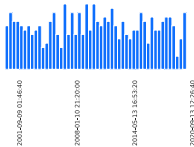
On Site	176
Remote	169
Work Fro...	155

More details

Joining_Date

Date

Distinct	481	Minimum	2000-01-17 00
Distinct (%)	96.2%	Maximum	2019-12-25 00
Missing	0	Invalid dates	0
Missing (%)	0.0%	Invalid dates (%)	0.0%
Memory size	4.0 KiB		



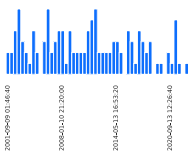
More details

Leaving_Date

Date

Missing

Distinct	123	Minimum	2001-06-28 00
Distinct (%)	99.2%	Maximum	2022-11-03 00
Missing	376	Invalid dates	0
Missing (%)	75.2%	Invalid dates (%)	0.0%
Memory size	4.0 KiB		



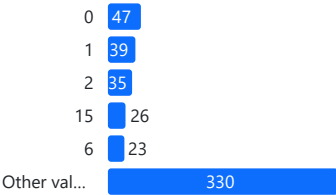
More details

Tenure_at_Company

Categorical

High correlation

Distinct	25
Distinct (%)	5.0%
Missing	0
Missing (%)	0.0%
Memory size	28.7 KiB

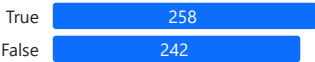


More details

Promotion_Attained

Boolean

Distinct	2
Distinct (%)	0.4%
Missing	0
Missing (%)	0.0%
Memory size	632.0 B



More details

Still_Employed

Boolean

High correlation

Distinct	2
Distinct (%)	0.4%
Missing	0
Missing (%)	0.0%
Memory size	632.0 B



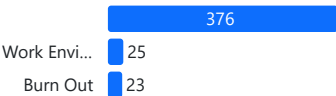
More details

Reason_for_Leaving

Categorical

High correlation

Distinct	7
Distinct (%)	1.4%



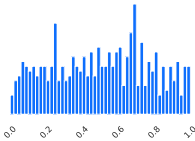
Missing	0	Financial ...	21
Missing (%)	0.0%	Health Iss...	20
Memory size	29.9 KiB	Other val...	35

More details

Satisfaction_Level

Real number (ℝ)

Distinct	100	Minimum	0
Distinct (%)	20.0%	Maximum	1
Missing	0	Zeros	2
Missing (%)	0.0%	Zeros (%)	0.4%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.50124	Memory size	4.0 KiB



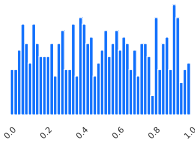
More details

Engagement_Score

Real number (ℝ)

High correlation

Distinct	101	Minimum	0
Distinct (%)	20.2%	Maximum	1
Missing	0	Zeros	1
Missing (%)	0.0%	Zeros (%)	0.2%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	0.49354	Memory size	4.0 KiB



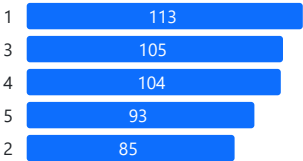
More details

Performance_Rating

Categorical

High correlation

Distinct	5
Distinct (%)	1.0%
Missing	0
Missing (%)	0.0%
Memory size	28.4 KiB



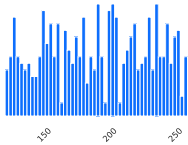
More details

Average_Monthly_Work_Hours

Real number (ℝ)

High correlation

Distinct	135	Minimum	120
Distinct (%)	27.0%	Maximum	259
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	190.654	Memory size	4.0 KiB



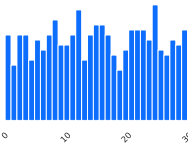
More details

Absenteeism_Days

Real number (ℝ)

High correlationZeros

Distinct	31	Minimum	0
Distinct (%)	6.2%	Maximum	30
Missing	0	Zeros	17
Missing (%)	0.0%	Zeros (%)	3.4%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	15.168	Memory size	4.0 KiB



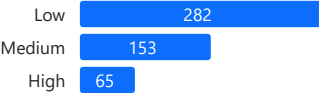
More details

Burnout_Risk

Categorical

High correlation

Distinct	3
Distinct (%)	0.6%
Missing	0
Missing (%)	0.0%
Memory size	29.9 KiB

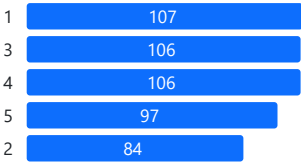


More details

Yearly_Satisfaction_Feedback

Categorical

Distinct	5
Distinct (%)	1.0%
Missing	0
Missing (%)	0.0%
Memory size	28.4 KiB



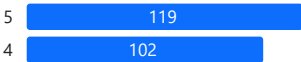
More details

Yearly_Engagement

Categorical

High correlation

Distinct	5
Distinct (%)	1.0%



Missing	0
Missing (%)	0.0%
Memory size	28.4 KiB

1	97
2	92
3	90

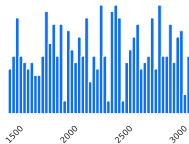
More details

Yearly_Work_Hours

Real number (ℝ)

High correlation

Distinct	135	Minimum	1440
Distinct (%)	27.0%	Maximum	3108
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	2287.848	Memory size	4.0 KiB



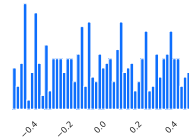
More details

Engagement_vs_Company

Real number (ℝ)

High correlation

Distinct	101	Minimum	-0.49354
Distinct (%)	20.2%	Maximum	0.50646
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	250
Infinite (%)	0.0%	Negative (%)	50.0%
Mean	$9.9920072 \times 10^{-19}$	Memory size	4.0 KiB



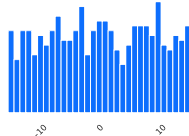
More details

Absenteeism_vs_Company

Real number (ℝ)

High correlation

Distinct	31	Minimum	-15.168
Distinct (%)	6.2%	Maximum	14.832
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	258
Infinite (%)	0.0%	Negative (%)	51.6%
Mean	$3.8369308 \times 10^{-16}$	Memory size	4.0 KiB



More details

Performance_vs_Company

Categorical

High correlation

Distinct	5	-1.958	113
Distinct (%)	1.0%	0.042	105
Missing	0	1.042	104
Missing (%)	0.0%	2.042	93
Memory size	30.6 KiB	-0.958	85

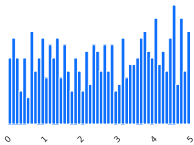
More details

Engagement_Change

Real number (ℝ)

High correlation

Distinct	321	Minimum	0
Distinct (%)	64.2%	Maximum	5
Missing	0	Zeros	1
Missing (%)	0.0%	Zeros (%)	0.2%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	2.61446	Memory size	4.0 KiB

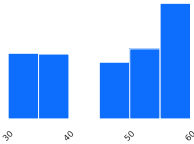


More details

Total_Training_Hours

Real number (ℝ)

Distinct	6	Minimum	30
Distinct (%)	1.2%	Maximum	60
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	45.39	Memory size	4.0 KiB



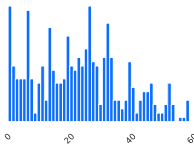
More details

Attended_Training_Hours

Real number (ℝ)

Zeros

Distinct	59	Minimum	0
Distinct (%)	11.8%	Maximum	59
Missing	0	Zeros	13
Missing (%)	0.0%	Zeros (%)	2.6%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	23.172	Memory size	4.0 KiB



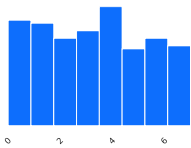
More details

Absenteeism_Training_Hours

Real number (ℝ)

Zeros

Distinct	8	Minimum	0
Distinct (%)	1.6%	Maximum	7
Missing	0	Zeros	70
Missing (%)	0.0%	Zeros (%)	14.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	3.326	Memory size	4.0 KiB



More details

Attrition_Status

Boolean

High correlation

Distinct	2
Distinct (%)	0.4%
Missing	0
Missing (%)	0.0%
Memory size	632.0 B



More details

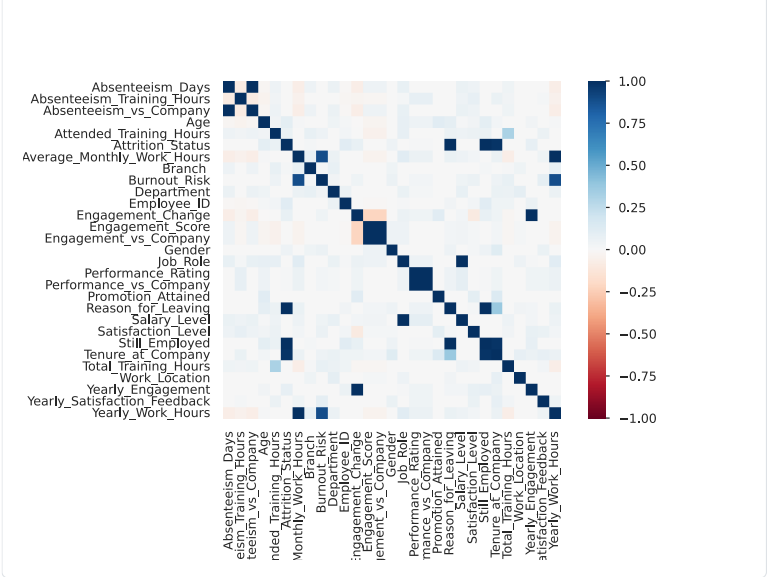
Interactions



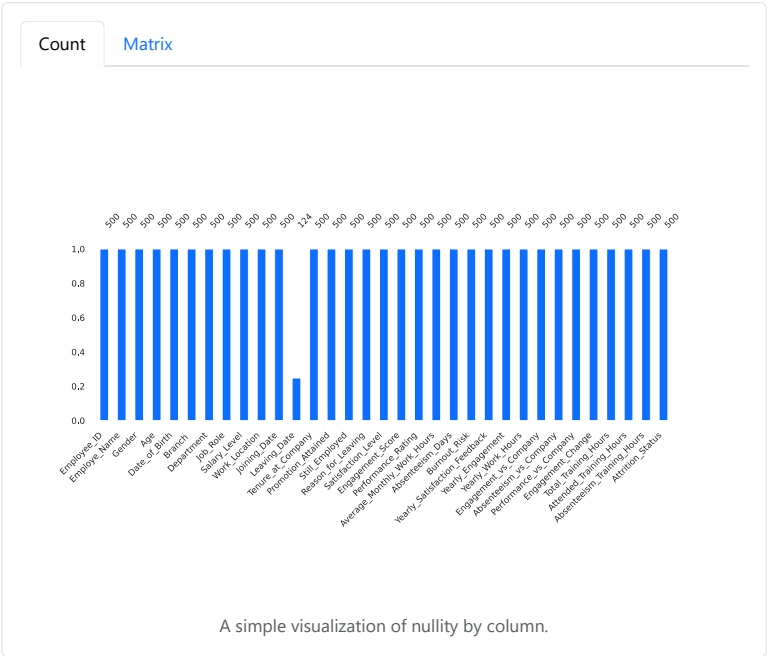
Correlations

Auto

HeatmapTable



Missing values



Sample

First rows Last rows

	Employee_ID	Employee_Name	Gender	Age	Date_of_Birth	Brar
490	491	Jeanne Kuhic	Male	33	6/2/1992	India
491	492	Ronald Hintz PhD	Male	46	3/17/1979	South_Africa
492	493	Darryl Kassulke	Female	49	11/12/1975	United_Kingd
493	494	Hazel Halvorson	Female	54	1/2/1971	Singapore
494	495	Bonnie Trantow I	Male	59	1/4/1966	India
495	496	Marc Feil	Male	59	11/9/1965	South_Africa
496	497	Dwayne Mosciski	Male	22	4/27/2003	United_Kingd
497	498	Ms. Shelly Hyatt	Male	48	11/6/1977	Singapore
498	499	Dr. Rafael Jakubowski	Female	58	6/29/1967	India
499	500	Rosalie Fadel MD	Male	39	12/4/1986	South_Africa

