

File

File name: C:/Users/Administrator/Downloads/HRDataset_v14.xlsx
Format: Microsoft Excel spreadsheet

Data

Data instances: 311
Features: Absences, Department, EmpID, EmploymentStatus, EmpSatisfaction, EngagementSurvey, Gender, MaritalDesc, PerformanceScore, PerfScoreID, Position, RecruitmentSource, Salary, SpecialProjectsCount (total: 14 features)
Meta attributes: Employee_Name

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Data Table												Fri Feb 28 25, 00:35:43
Data instances: 311 Features: 13 Meta attributes: 1 Target: Numeric variable 'EmpSatisfaction'												
	EmpSatisfaction	Employee_Name	Absences	Department	EmpID	EmploymentStatus	EngagementSurvey	Gender	MaritalDesc	PerformanceScore	PerfScoreID	Position
1	3	Candie, Calvin	14	Production	10001	Active	5.00	M	Single	Exceeds	4	Production Manager
2	5	Anderson, Linda	15	Production	10002	Active	5.00	F	Single	Exceeds	4	Production Technician
3	3	Billis, Helen	19	Production	10003	Active	5.00	F	Married	Exceeds	4	Production Technician
4	4	Lynch, Lindsay	17	Production	10004	Voluntarily Terminated	5.00	F	Single	Exceeds	4	Production Technician
5	5	Patronick, Lucas	13	Software Engineering	10005	Voluntarily Terminated	5.00	M	Single	Exceeds	4	Software Engineer
6	5	Driver, Elle	14	Sales	10006	Active	4.77	F	Single	Exceeds	4	Area Sales Manager
7	4	Harrison, Kara	5	Production	10007	Active	4.76	F	Married	Exceeds	4	Production Technician
8	4	Lindsay, Leonara	14	IT/IS	10008	Active	4.64	F	Single	Exceeds	4	IT Support
9	4	Jeannite, Tayana	11	Production	10009	Active	4.60	F	Divorced	Exceeds	4	Production Technician
10	5	Zamora, Jennifer	16	IT/IS	10010	Active	4.60	F	Single	Exceeds	4	CIO
11	5	Rivera, Haley	16	Production	10011	Active	4.36	F	Married	Exceeds	4	Production Technician
12	4	Barbossa, Hector	9	IT/IS	10012	Active	4.28	M	Divorced	Exceeds	4	Data Analyst
13	3	Torrence, Jack	6	Sales	10013	Active	4.10	M	Separated	Exceeds	4	Area Sales Manager
14	5	Veera, Abdellah	15	Production	10014	Voluntarily Terminated	4.50	M	Divorced	Exceeds	4	Production Technician
15	5	Foss, Jason	15	IT/IS	10015	Active	5.00	M	Single	Exceeds	4	IT Director
16	5	Petrowsky, Thelma	16	IT/IS	10016	Active	4.60	F	Married	Exceeds	4	Data Analyst
17	3	Liebig, Ketsia	11	Production	10017	Active	4.10	F	Married	Exceeds	4	Production Manager
18	4	Girifalco, Evelyn	3	Production	10018	Active	3.90	F	Single	Exceeds	4	Production Technician
19	5	Corleone, Vito	15	Production	10019	Active	3.70	M	Single	Exceeds	4	Direct Operations
20	5	Robinson, Elias	4	Production	10020	Active	3.60	M	Widowed	Exceeds	4	Production Technician
21	3	Osturnka, Adeel	13	Production	10021	Active	5.00	M	Married	Exceeds	4	Production Technician
22	5	Volk, Colleen	18	Production	10022	Terminated for Cause	4.30	F	Married	Exceeds	4	Production Technician
23	3	Beak, Kimberly	16	Production	10023	Active	4.40	F	Married	Exceeds	4	Production Technician
24	5	Szabo, Andrew	1	Software Engineering	10024	Active	4.50	M	Single	Exceeds	4	Software Engineer
25	3	Monterro, Luisa	1	Production	10025	Active	4.70	F	Single	Exceeds	4	Production Technician
26	5	Adinolfi, Wilson K	1	Production	10026	Active	4.60	M	Single	Exceeds	4	Production Technician
27	3	Smith, Joe	4	Production	10027	Active	4.30	M	Single	Exceeds	4	Production Technician
28	5	Dougall, Eric	4	IT/IS	10028	Active	4.30	M	Single	Exceeds	4	IT Manager
29	4	Clukey, Elijah	5	Production	10029	Active	4.10	M	Married	Exceeds	4	Production Technician
30	4	Squatrito, Kristen	16	Production	10030	Voluntarily Terminated	4.10	F	Divorced	Exceeds	4	Production Technician
31	4	Gonzalez, Cayo	1	Production	10031	Active	4.50	M	Divorced	Exceeds	4	Production Technician
32	5	Peters, Lauren	12	Production	10032	Voluntarily Terminated	4.20	F	Married	Exceeds	4	Production Technician
33	3	Winthrop, Jordan	7	Production	10033	Voluntarily Terminated	5.00	M	Single	Exceeds	4	Production Technician
34	4	Johnson, George	9	Production	10034	Voluntarily Terminated	4.70	M	Married	Exceeds	4	Production Technician
35	4	Lunquist, Lisa	19	Production	10035	Active	4.20	F	Single	Exceeds	4	Production Technician
36	3	Johnston, Yen	1	Production	10036	Active	4.30	F	Single	Exceeds	4	Production Technician
37	3	Ngodup, Shari	12	Production	10037	Active	4.00	F	Separated	Exceeds	4	Production Technician
38	4	LaRotonda, William	3	Admin Offices	10038	Active	5.00	M	Divorced	Fully Meets	3	Accountant
39	3	Singh, Nan	2	Admin Offices	10039	Active	5.00	F	Single	Fully Meets	3	Administrative Assistant
40	5	Carter, Michelle	7	Sales	10040	Active	5.00	F	Single	Fully Meets	3	Area Sales Manager
41	5	Ozark, Travis	18	Sales	10041	Active	5.00	M	Single	Fully Meets	3	Area Sales Manager
42	5	Nguyen, Dheepa	2	Sales	10042	Active	5.00	F	Single	Fully Meets	3	Area Sales Manager
43	3	Zhou, Julia	11	IT/IS	10043	Active	5.00	F	Single	Fully Meets	3	Data Analyst
44	3	Tredinnick, Neville	11	IT/IS	10044	Voluntarily Terminated	5.00	M	Married	Fully Meets	3	Network Engineer















45	4	Turpin, Jumil	8	IT/IS	10045	Active	5.00	M	Married	Fully Meets	3	Network Engineer
46	3	Bernstein, Sean	13	Production	10046	Active	5.00	M	Single	Fully Meets	3	Production Technician
47	3	Robinson, Alain	11	Production	10047	Voluntarily Terminated	5.00	M	Married	Fully Meets	3	Production Technician
48	3	Wilber, Barry	7	Production	10048	Voluntarily Terminated	5.00	M	Married	Fully Meets	3	Production Technician
49	5	Fidelia, Libby	19	Production	10049	Active	5.00	F	Married	Fully Meets	3	Production Technician
50	3	Pham, Hong	13	Production	10050	Voluntarily Terminated	5.00	M	Married	Fully Meets	3	Production Technician
51	3	Gordon, David	2	Production	10051	Active	5.00	M	Married	Fully Meets	3	Production Technician
52	5	Langton, Enrico	13	Production	10052	Active	5.00	M	Married	Fully Meets	3	Production Technician
53	4	Maurice, Shana	8	Production	10053	Active	5.00	F	Married	Fully Meets	3	Production Technician
54	4	Rose, Ashley	8	Production	10054	Active	5.00	F	Separated	Fully Meets	3	Production Technician
55	5	Beatrice, Courtney	12	Production	10055	Active	5.00	F	Single	Fully Meets	3	Production Technician
56	3	Darson, Jene'ya	1	Production	10056	Active	5.00	F	Married	Fully Meets	3	Production Technician
57	3	Lydon, Allison	6	Production	10057	Active	5.00	F	Married	Fully Meets	3	Production Technician
58	4	Rhoads, Thomas	11	Production	10058	Voluntarily Terminated	5.00	M	Divorced	Fully Meets	3	Production Technician
59	5	Gross, Paula	17	Production	10059	Voluntarily Terminated	5.00	F	Divorced	Fully Meets	3	Production Technician
60	5	Jhaveri, Sneha	9	Production	10060	Active	5.00	F	Separated	Fully Meets	3	Production Technician
61	4	Bates, Norman	20	Production	10061	Terminated for Cause	5.00	M	Single	Fully Meets	3	Production Technician
62	4	Athwal, Sam	19	Production	10062	Active	5.00	M	Widowed	Fully Meets	3	Production Technician
63	5	Newman, Richard	11	Production	10063	Active	5.00	M	Married	Fully Meets	3	Production Technician
64	3	Eaton, Marianne	7	Production	10064	Voluntarily Terminated	5.00	F	Married	Fully Meets	3	Production Technician
65	5	Rossetti, Bruno	4	Production	10065	Voluntarily Terminated	5.00	M	Single	Fully Meets	3	Production Technician
66	5	Barton, Nader	1	Production	10066	Voluntarily Terminated	5.00	M	Divorced	Fully Meets	3	Production Technician
67	4	Chace, Beatrice	11	Production	10067	Active	5.00	F	Single	Fully Meets	3	Production Technician
68	4	Medeiros, Jennifer	10	Production	10068	Active	5.00	F	Single	Fully Meets	3	Production Technician
69	4	Anderson, Carol	2	Production	10069	Voluntarily Terminated	5.00	F	Divorced	Fully Meets	3	Production Technician
70	4	DeGweck, James	14	Production	10070	Voluntarily Terminated	5.00	M	Married	Fully Meets	3	Production Technician
71	5	Sewkumar, Nori	14	Production	10071	Active	5.00	F	Single	Fully Meets	3	Production Technician
72	5	Whittier, Scott	11	Production	10072	Voluntarily Terminated	5.00	M	Single	Fully Meets	3	Production Technician
73	4	Mancuso, Karen	16	Production	10073	Voluntarily Terminated	5.00	F	Married	Fully Meets	3	Production Technician
74	3	Hankard, Earnest	20	Production	10074	Active	5.00	M	Single	Fully Meets	3	Production Technician
75	3	Hendrickson, Trina	15	Production	10075	Voluntarily Terminated	5.00	F	Single	Fully Meets	3	Production Technician
76	5	Carthy, B'rigit	16	Production	10076	Active	5.00	F	Single	Fully Meets	3	Production Technician
77	3	Manchester, Robyn	4	Production	10077	Active	5.00	F	Married	Fully Meets	3	Production Technician
78	3	Oliver, Brooke	17	Production	10078	Voluntarily Terminated	5.00	F	Married	Fully Meets	3	Production Technician
79	3	Navathe, Kurt	17	IT/IS	10079	Active	5.00	M	Single	Fully Meets	3	Senior Developer
80	3	Foster-Baker, Amy	3	Admin Offices	10080	Active	5.00	F	Married	Fully Meets	3	Sr. Accountant
81	4	Boutwell, Bonalyn	4	Admin Offices	10081	Active	5.00	F	Married	Fully Meets	3	Sr. Accountant
82	5	Carr, Claudia N	7	IT/IS	10082	Active	5.00	F	Single	Fully Meets	3	Sr. DBA
83	3	Cross, Noah	5	IT/IS	10083	Active	5.00	M	Single	Fully Meets	3	Sr. Network Engineer
84	3	Ait Sidi, Karthikeyan	17	IT/IS	10084	Voluntarily Terminated	4.96	M	Married	Fully Meets	3	Sr. DBA
85	4	Carabbio, Judith	3	Software Engineering	10085	Active	4.96	F	Single	Fully Meets	3	Software Engineer
86	3	Roper, Katie	17	IT/IS	10086	Active	4.94	F	Single	Fully Meets	3	Data Analyst
87	3	Leach, Dallas	17	Production	10087	Voluntarily Terminated	4.88	F	Single	Fully Meets	3	Production Technician
88	5	Alagbe,Trina	15	Production	10088	Active	4.84	F	Married	Fully Meets	3	Production Technician
89	3	King, Janet	10	Executive Office	10089	Active	4.83	F	Married	Fully Meets	3	President/CEO
90	5	Spirea, Kelley	15	Production	10090	Active	4.83	F	Married	Fully Meets	3	Production Manager
91	4	Shields, Seffi	15	Production	10091	Active	4.81	F	Married	Fully Meets	3	Production Technician
92	4	Landa, Hans	9	Production	10092	Terminated for	4.78	M	Married	Fully Meets	3	Production Technician

						Cause							
93	5	Fitzpatrick, Michael J	20	Production	10093	Voluntarily Terminated		4.76	M	Single	Fully Meets	3	Produ Techn
94	5	Cornett, Lisa	6	Production	10094	Active		4.73	F	Married	Fully Meets	3	Produ Techn
95	4	Sloan, Constance	20	Production	10095	Voluntarily Terminated		4.68	F	Single	Fully Meets	3	Produ Techn
96	4	Lundy, Susan	15	Production	10096	Voluntarily Terminated		4.65	F	Widowed	Fully Meets	3	Produ Techn
97	4	Harrington, Christie	8	Production	10097	Voluntarily Terminated		4.64	F	Single	Fully Meets	3	Produ Techn
98	3	Gray, Elijah	2	Production	10098	Active		4.63	M	Divorced	Fully Meets	3	Produ Mana
99	4	Daneault, Lynn	8	Sales	10099	Active		4.62	F	Single	Fully Meets	3	Sales Mana
100	5	Demita, Carla	1	Production	10100	Voluntarily Terminated		4.62	F	Separated	Fully Meets	3	Produ Techn
+ 211 more													

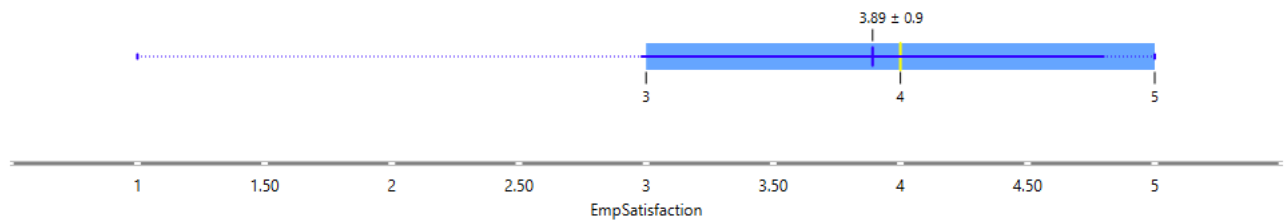
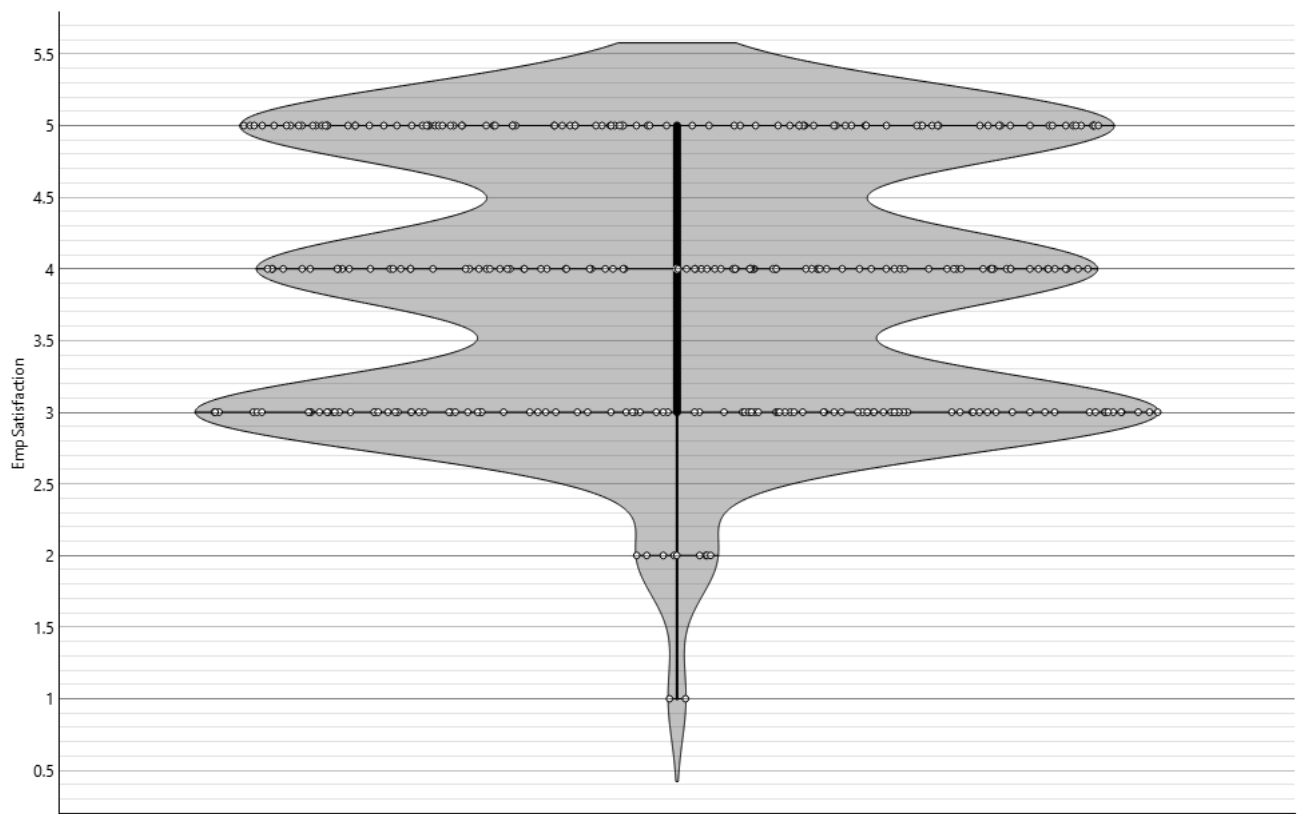
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Feature Statistics

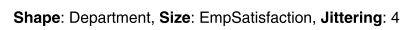
Fri Feb 28 25, 00:35:55

	Name	Distribution	Mean	Mode	Median	Dispersion	Min.	Max.	Missing	
N	Absences		10.24		4	10	0.57	1	20	0 (0 %)
N	EmpID		10156		10001	10156	0.01	10001	10311	0 (0 %)
N	EngagementSurvey		4.11		5.00	4.28	0.1919	1.12	5.00	0 (0 %)
N	PerfScoreID		2.98		3	3	0.20	1	4	0 (0 %)
N	Salary		69020.68		57815	62810	0.36	45046	250000	0 (0 %)
N	SpecialProjectsCount		1.22		0	0	1.92	0	8	0 (0 %)
N	EmpSatisfaction		3.89		3	4	0.23	1	5	0 (0 %)
C	Department			Production		1.03				0 (0 %)
C	EmploymentStatus			Active		0.781				0 (0 %)
C	Gender			F		0.684				0 (0 %)
C	MaritalDesc			Single		1.17				0 (0 %)
C	PerformanceScore			Fully Meets		0.744				0 (0 %)
C	Position			Production Technician I		2.09				0 (0 %)
C	RecruitmentSource			Indeed		1.82				0 (0 %)

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Box plot for attribute 'EmpSatisfaction'



Fri Feb 28 25, 00:38:15

Name: HRDataset_v14
Size: ~311 rows, 15 columns
Features: 7 categorical, 6 numeric
Targets: numeric target variable
Metas: 1 text
Missing data: none

Fri Feb 28 25, 00:38:25

Impute Missing Values: Replace with random value
Continuize Discrete Variables: Most frequent is base

Pearson correlation

1	+1.000	Department=Executive Office	:	Position=President & CEO
2	+0.952	Department=Software Engineering	:	Position=Software Engineer
3	+0.927	Department=Sales	:	Position=Area Sales Manager
4	+0.877	Department=IT/IS	:	SpecialProjectsCount
5	-0.691	EmpID	:	PerfScoreID
6	-0.650	PerfScoreID	:	PerformanceScore=PIP
7	+0.641	PerfScoreID	:	PerformanceScore=Exceeds
8	-0.590	EmpID	:	EngagementSurvey
9	+0.572	Department=Admin Offices	:	Position=Administrative Assistant
10	+0.572	Department=Admin Offices	:	Position=Accountant I
11	-0.561	EmpID	:	PerformanceScore=Exceeds
12	+0.545	EngagementSurvey	:	PerfScoreID
13	+0.508	Salary	:	SpecialProjectsCount
14	-0.501	EngagementSurvey	:	PerformanceScore=PIP
15	+0.497	Position=Sr. Accountant	:	RecruitmentSource=Other
16	+0.489	Department=IT/IS	:	Salary
17	+0.466	Department=Admin Offices	:	Position=Sr. Accountant
18	-0.413	PerfScoreID	:	PerformanceScore=Needs Improvement
19	+0.409	Position=President & CEO	:	Salary
20	+0.409	Department=Executive Office	:	Salary
21	+0.371	Department=IT/IS	:	Position=Data Analyst
22	+0.371	Department=IT/IS	:	Position=IT Support
23	+0.366	EmpID	:	PerformanceScore=Needs Improvement
24	-0.352	EngagementSurvey	:	PerformanceScore=Needs Improvement
25	+0.344	EmpID	:	PerformanceScore=PIP
26	+0.342	Position=CIO	:	Salary
27	+0.335	Position=Area Sales Manager	:	RecruitmentSource=Website
28	+0.329	Department=Admin Offices	:	Position=Shared Services Manager
29	+0.317	EmploymentStatus=Terminated for Cause	:	Position=Database Administrator
30	+0.314	Position=Data Analyst	:	SpecialProjectsCount
31	-0.311	EmpSatisfaction	:	PerformanceScore=PIP
32	+0.306	Department=Sales	:	RecruitmentSource=Website
33	+0.305	Position=IT Support	:	SpecialProjectsCount
34	+0.304	EmpSatisfaction	:	PerfScoreID
35	+0.297	Department=Software Engineering	:	Position=Software Engineering Manager
36	+0.297	Department=Sales	:	Position=Sales Manager
37	+0.292	Department=IT/IS	:	Position=Network Engineer
38	+0.292	Department=IT/IS	:	Position=Database Administrator
39	+0.292	Department=IT/IS	:	Position=Sr. Network Engineer
40	+0.285	Position=Data Analyst	:	RecruitmentSource=Employee Referral
41	+0.271	Position=Sr. Network Engineer	:	SpecialProjectsCount
42	-0.266	MaritalDesc=Divorced	:	MaritalDesc=Married
43	+0.261	Department=IT/IS	:	Position=BI Developer
44	+0.261	Position=Network Engineer	:	SpecialProjectsCount
45	+0.254	EmploymentStatus=Terminated for Cause	:	PerformanceScore=Needs Improvement
46	+0.251	Position=Director of Sales	:	Salary
47	+0.246	Position=IT Director	:	Salary
48	-0.246	Position=Production Technician II	:	SpecialProjectsCount
49	-0.246	RecruitmentSource=Google Search	:	RecruitmentSource=LinkedIn
50	+0.244	EmploymentStatus=Terminated for Cause	:	Position=Enterprise Architect
51	+0.243	Position=IT Manager - DB	:	Salary
52	+0.242	Department=Software Engineering	:	SpecialProjectsCount
53	+0.241	MaritalDesc=Widowed	:	RecruitmentSource=Other
54	+0.234	Department=IT/IS	:	RecruitmentSource=Employee Referral
55	+0.233	Position=BI Developer	:	SpecialProjectsCount
56	+0.229	Position=Director of Operations	:	Salary
57	+0.229	Position=Senior BI Developer	:	SpecialProjectsCount
58	+0.229	PerformanceScore=Needs Improvement	:	Position=IT Manager - Infra
59	+0.228	Position=Database Administrator	:	SpecialProjectsCount
60	+0.226	Department=Admin Offices	:	RecruitmentSource=Other
61	+0.225	Department=IT/IS	:	Position=Senior BI Developer
62	+0.224	Position=Software Engineer	:	SpecialProjectsCount
63	+0.218	EmploymentStatus=Voluntarily Terminated	:	RecruitmentSource=Google Search
64	+0.213	Position=Sr. Network Engineer	:	RecruitmentSource=Employee Referral
65	-0.207	Department=IT/IS	:	Position=Production Technician II
66	+0.201	Position=Software Engineer	:	Salary
67	+0.201	Position=Shared Services Manager	:	RecruitmentSource=CareerBuilder
68	+0.201	Position=Database Administrator	:	Salary
69	+0.199	Position=IT Manager - Infra	:	Salary
70	+0.198	Department=Software Engineering	:	Salary
71	+0.191	EmploymentStatus=Voluntarily Terminated	:	RecruitmentSource=Diversity Job Fair
72	-0.189	EmploymentStatus=Voluntarily Terminated	:	SpecialProjectsCount
73	-0.189	RecruitmentSource=Employee Referral	:	RecruitmentSource=LinkedIn

74	+0.189	RecruitmentSource=Employee Referral	:	SpecialProjectsCount
75	+0.187	EmpSatisfaction	:	EngagementSurvey
76	+0.184	Department=IT/IS	:	Position=Sr. DBA
77	+0.184	Department=IT/IS	:	Position=IT Manager - DB
78	+0.184	Position=Data Architect	:	Salary
79	-0.182	RecruitmentSource=Diversity Job Fair	:	RecruitmentSource=LinkedIn
80	+0.182	EmploymentStatus=Voluntarily Terminated	:	Position=Production Technician II
81	+0.182	EmploymentStatus=Voluntarily Terminated	:	MaritalDesc=Divorced
82	+0.181	Position=IT Manager - DB	:	SpecialProjectsCount
83	+0.180	Department=Admin Offices	:	SpecialProjectsCount
84	+0.177	Position=IT Manager - Infra	:	RecruitmentSource=Diversity Job Fair
85	+0.175	Position=Production Technician II	:	RecruitmentSource=LinkedIn
86	+0.174	MaritalDesc=Divorced	:	RecruitmentSource=On-line Web application
87	-0.173	Department=Sales	:	SpecialProjectsCount
88	-0.172	RecruitmentSource=Google Search	:	SpecialProjectsCount
89	+0.172	EngagementSurvey	:	PerformanceScore=Exceeds
90	+0.171	Department=Sales	:	Position=Director of Sales
91	+0.171	Position=CIO	:	RecruitmentSource=Employee Referral
92	-0.165	Department=IT/IS	:	RecruitmentSource=Google Search
93	+0.164	Position=Sr. DBA	:	SpecialProjectsCount
94	+0.164	PerformanceScore=PIP	:	Position=Area Sales Manager
95	-0.163	MaritalDesc=Married	:	MaritalDesc=Separated
96	-0.161	EmploymentStatus=Voluntarily Terminated	:	RecruitmentSource=Employee Referral
97	-0.161	RecruitmentSource=CareerBuilder	:	RecruitmentSource=LinkedIn
98	-0.160	Position=Area Sales Manager	:	SpecialProjectsCount
99	+0.159	Position=Network Engineer	:	RecruitmentSource=CareerBuilder
100	+0.159	Position=Accountant I	:	SpecialProjectsCount
+ 1670 more				

Data Sampler

Fri Feb 28 25, 00:40:00

Sampling type: Random sample with 80 % of data, deterministic
Input: 311 instances
Sample: 249 instances
Remaining: 62 instances

Random Forest

Fri Feb 28 25, 00:40:30

Name: Random Forest

Model parameters

Number of trees: 10
Maximal number of considered features: unlimited
Replicable training: No
Maximal tree depth: unlimited
Stop splitting nodes with maximum instances: 5

Data

Data instances: 249
Features: Absences, Department=Admin Offices, Department=Executive Office, Department=IT/IS, Department=Sales, Department=Software Engineering, EmpID, EmploymentStatus=Terminated for Cause, EmploymentStatus=Voluntarily Terminated, EngagementSurvey, Gender=M, MaritalDesc=Divorced, MaritalDesc=Married, MaritalDesc=Separated, MaritalDesc=Widowed, PerformanceScore=Exceeds, PerformanceScore=Needs Improvement, PerformanceScore=PIP, PerfScoreID, Position=Accountant I, Position=Administrative Assistant, Position=Area Sales Manager, Position=BI Developer, Position=BI Director, Position=CIO, Position=Data Analyst, Position=Data Architect, Position=Database Administrator, Position=Director of Operations, Position=Director of Sales, Position=Enterprise Architect, Position=IT Director, Position=IT Manager - DB, Position=IT Manager - Infra, Position=IT Manager - Support, Position=IT Support, Position=Network Engineer, Position=President & CEO, Position=Principal Data Architect, ... (total: 59 features)
Meta attributes: Employee_Name
Target: EmpSatisfaction

Name: Tree

Model parameters

Pruning: at least 2 instances in leaves, at least 5 instances in internal nodes, maximum depth 100
Splitting: Stop splitting when majority reaches 95% (classification only)
Binary trees: Yes

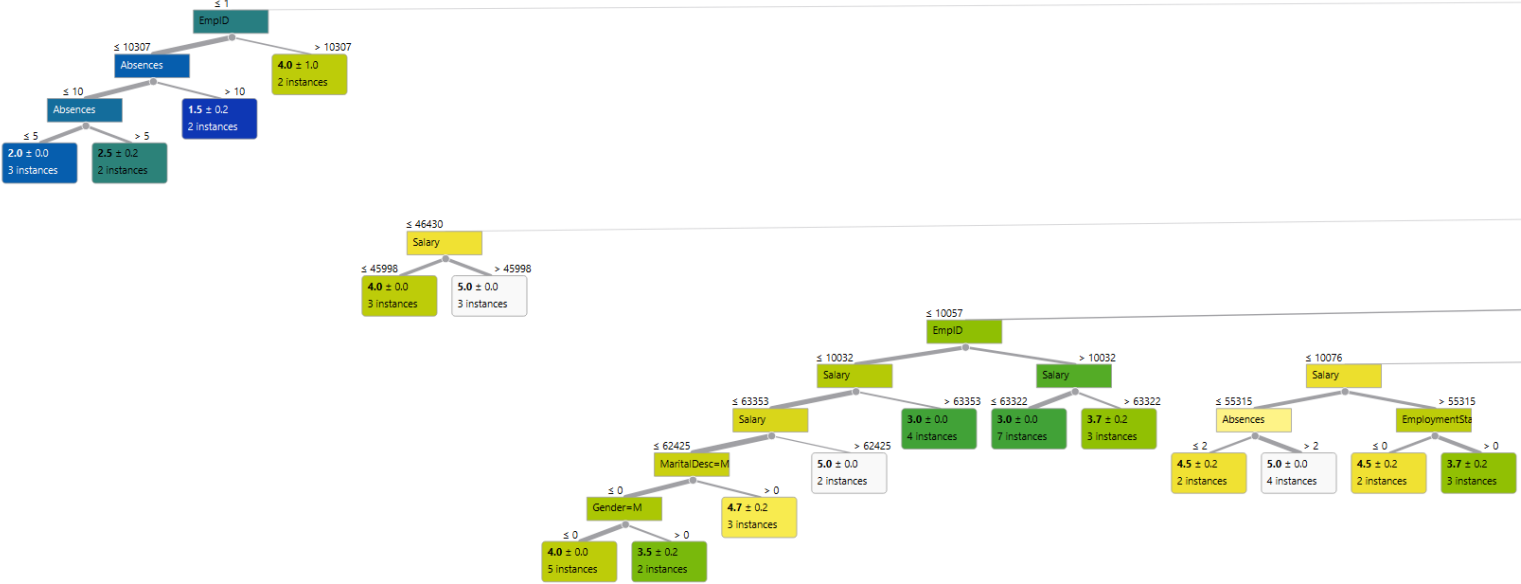
Data

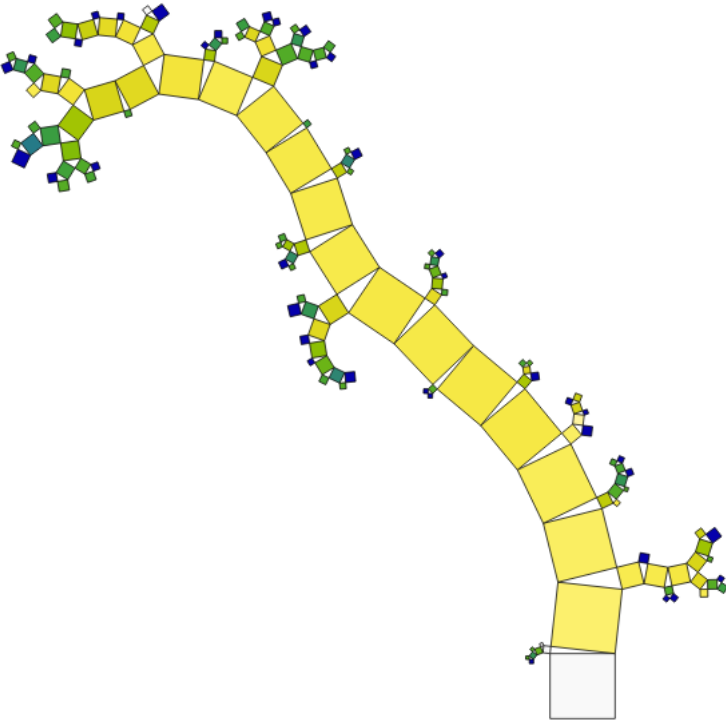
Data instances: 249
Features: Absences, Department=Admin Offices, Department=Executive Office, Department=IT/IS, Department=Sales, Department=Software Engineering, EmpID, EmploymentStatus=Terminated for Cause, EmploymentStatus=Voluntarily Terminated, EngagementSurvey, Gender=M, MaritalDesc=Divorced, MaritalDesc=Married, MaritalDesc=Separated, MaritalDesc=Widowed, PerformanceScore=Exceeds, PerformanceScore=Needs Improvement, PerformanceScore=PIP, PerfScoreID, Position=Accountant I, Position=Administrative Assistant, Position=Area Sales Manager, Position=BI Developer, Position=BI Director, Position=CIO, Position=Data Analyst, Position=Data Architect, Position=Database Administrator, Position=Director of Operations, Position=Director of Sales, Position=Enterprise Architect, Position=IT Director, Position=IT Manager - DB, Position=IT Manager - Infra, Position=IT Manager - Support, Position=IT Support, Position=Network Engineer, Position=President & CEO, Position=Principal Data Architect, ... (total: 59 features)
Meta attributes: Employee_Name
Target: EmpSatisfaction

Tree Viewer

Fri Feb 28 25, 00:42:15

Tree size: 157 nodes, 79 leaves
Edge widths: Relative to parent
Color by: Mean value





Test and Score Fri Feb 28 25, 00:42:37

Settings

Sampling type: No sampling, test on testing data

Scores

Model	MSE	RMSE	MAE	MAPE	R2
Random Forest	0.812	0.901	0.775	0.221	0.031
Tree	1.323	1.150	0.925	0.257	-0.580