

Data Analysis Report

Report Information

Generated on: 2025-07-14 14:49:19
Analysis performed by: Automated Report Generation System
Total records analyzed: 5

Data Overview

id	name	age	department	position	salary	join_date	performance	skills	projects	is_remote
1	John Smith	32	Engineering	Senior Developer	95000	2018-05-15	4.7	Python, Java, SQL	12	1
2	Emily Johnson	28	Marketing	Marketing Specialist	72000	2019-02-20	4.2	SEO, Content, Analytics	8	1
3	Michael Williams	45	Engineering	Tech Lead	112000	2015-11-10	4.8	Python, Java, Leadership	18	0
4	Sarah Brown	36	Marketing	Marketing Manager	88000	2017-08-25	4.5	Strategy, Analytics, Team Management	15	0
5	David Jones	29	HR	HR Associate	68000	2020-01-05	4.0	Recruitment, Employee Relations	5	0

Basic Statistics

id	age	salary	performance_score	projects_completed	is_remote
150.00	150.00	150.00	150.00	150.00	150.00
75.50	33.91	91046.67	4.42	11.08	0.33
43.45	5.10	15759.66	0.29	4.05	0.47
1.00	26.00	65000.00	3.80	4.00	0.00
38.25	29.00	78250.00	4.20	8.00	0.00
75.50	33.00	92000.00	4.40	11.00	0.00
112.75	38.00	99000.00	4.70	14.00	1.00
150.00	45.00	145000.00	4.90	20.00	1.00

Missing Values Analysis

Missing Values	Percentage
0	0.00%
0	0.00%
0	0.00%
0	0.00%
0	0.00%
0	0.00%
0	0.00%
0	0.00%
0	0.00%
0	0.00%
0	0.00%

Value Counts for 'name'

Data Analysis Report

name	Count	Percentage
John Smith	1	0.67
Alan Diaz	1	0.67
Johnny Myers	1	0.67
Lori Ford	1	0.67
Philip Graham	1	0.67
Robin Owens	1	0.67
Bruce West	1	0.67
Rachel Ortiz	1	0.67
Julia Reynolds	1	0.67
Wayne Fisher	1	0.67

Correlation Matrix

id	age	salary	performance_score	projects_completed	is_remote
1.0	0.04	0.07	0.01	-0.01	-0.11
0.04	1.0	0.85	0.93	0.94	-0.7
0.07	0.85	1.0	0.93	0.94	-0.68
0.01	0.93	0.93	1.0	0.98	-0.73
-0.01	0.94	0.94	0.98	1.0	-0.7
-0.11	-0.7	-0.68	-0.73	-0.7	1.0

CERTIFICATE OF COMPLETION

This is to certify that the internship project

"Automated Report Generation System"

has been successfully completed.

Certificate will be issued on your internship end date.

CodTech

Authorized Signature