

Data Analysis Report

Report Information

Generated on: 2025-07-14 15:01:56
Analysis performed by: Automated Report Generation System
Total records analyzed: 5

Data Overview

id	name	age	department	salary	join_date
1	John Doe	32	Engineering	85000	2018-05-15
2	Jane Smith	28	Marketing	72000	2019-02-20
3	Robert Johnson	45	Engineering	92000	2015-11-10
4	Emily Davis	36	Marketing	78000	2017-08-22
5	Michael Brown	29	HR	68000	2020-01-05

Basic Statistics

id	age	salary
10.00	10.00	10.00
5.50	33.00	80400.00
3.03	5.77	10211.11
1.00	27.00	68000.00
3.25	29.00	70500.00
5.50	31.50	81500.00
7.75	35.25	87750.00
10.00	45.00	95000.00

Missing Values Analysis

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

Value Counts for 'name'

name	Count	Percentage
John Doe	1	10.0
Jane Smith	1	10.0
Robert Johnson	1	10.0

Data Analysis Report

Emily Davis	1	10.0
Michael Brown	1	10.0
Sarah Wilson	1	10.0
David Lee	1	10.0
Jessica Martinez	1	10.0
Daniel Garcia	1	10.0
Lisa Rodriguez	1	10.0

Correlation Matrix

id	age	salary
1.0	-0.22	-0.14
-0.22	1.0	0.78
-0.14	0.78	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