

Data Quality Report - Clinic Table Data Records

Numerical Columns Report

Column Name	Data Type	Missing Values (%)	Mean	Median	Std Dev	Min	Max	Unique Values
OrderID	int64	0.0	225.0	225.0	129.76	1.0	449.0	449
Number of intended retrievals	float64	2.0	120.78	73.0	174.55	0.0	1576.0	208
Number of intended retrievals	float64	2.0	75.22	41.0	117.94	0.0	1182.0	156
Number of intended retrievals	float64	4.0	74.94	36.0	127.93	0.0	1329.0	159
Number of intended retrievals	float64	10.0	73.39	29.0	175.12	0.0	2551.0	142
Pct intended retrievals resulting in live births	float64	16.0	49.45	50.85	12.01	10.3	79.2	234
Pct intended retrievals resulting in live births	float64	27.0	36.45	36.6	10.68	3.3	66.1	201

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Pct intended retrievals resulting in live births	float64	30.0	23.35	23.4	8.61	3.7	52.4	183
Pct intended retrievals resulting in live births	float64	42.0	8.38	8.0	5.03	0.0	29.4	113
Pct intended retrievals resulting in singleton live births	float64	16.0	44.84	46.45	12.27	6.9	79.2	250
Pct intended retrievals resulting in singleton live births	float64	27.0	33.54	33.8	10.04	3.3	62.7	215
Pct intended retrievals resulting in singleton live births	float64	30.0	21.68	22.1	8.35	3.3	47.6	178

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Pct intended retrievals resulting in singleton live births	float64	42.0	7.96	7.6	4.72	0.0	29.4	116
Number of retrievals	float64	2.0	114.59	69.0	166.41	0.0	1476.0	203
Number of retrievals	float64	3.0	69.0	38.0	109.08	0.0	1087.0	146
Number of retrievals	float64	5.0	66.7	33.0	113.76	0.0	1191.0	146
Number of retrievals	float64	12.0	61.5	25.0	139.35	0.0	1950.0	133
Pct retrievals resulting in live births	float64	17.0	52.33	53.8	12.39	10.3	83.3	243
Pct retrievals resulting in live births	float64	30.0	39.79	40.7	11.0	3.7	68.4	196
Pct retrievals resulting in live births	float64	34.0	26.61	26.4	9.16	4.4	58.7	180
Pct retrievals resulting in live births	float64	48.0	9.92	9.5	5.45	0.0	31.3	117

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Pct retrievals resulting in singleton live births	float64	17.0	47.5	48.85	12.64	6.9	83.3	246
Pct retrievals resulting in singleton live births	float64	30.0	36.67	37.0	10.42	3.7	64.9	200
Pct retrievals resulting in singleton live births	float64	34.0	24.76	24.5	8.95	4.0	52.2	170
Pct retrievals resulting in singleton live births	float64	48.0	9.44	9.1	5.17	0.0	31.3	122
Number of transfers	float64	2.0	124.25	71.0	194.84	0.0	2095.0	216
Number of transfers	float64	4.0	62.29	34.0	103.65	0.0	1099.0	142
Number of transfers	float64	10.0	46.83	24.0	81.97	0.0	822.0	117
Number of transfers	float64	25.0	27.25	14.0	52.8	0.0	528.0	74
Pct transfers resulting in live births	float64	17.0	49.2	48.95	10.78	15.8	75.0	239

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Pct transfers resulting in live births	float64	34.0	44.97	45.2	11.62	4.3	76.3	194
Pct transfers resulting in live births	float64	48.0	39.78	40.0	13.03	9.7	71.2	170
Pct transfers resulting in live births	float64	74.0	24.99	21.7	14.57	2.4	65.0	96
Pct transfers resulting in singleton live births	float64	17.0	44.73	44.65	11.23	11.5	72.4	233
Pct transfers resulting in singleton live births	float64	34.0	41.53	40.9	11.56	4.3	74.5	191
Pct transfers resulting in singleton live births	float64	48.0	37.16	36.85	13.32	8.3	69.9	165
Pct transfers resulting in singleton live births	float64	74.0	23.52	20.6	13.76	1.6	59.3	98

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Number of intended retrievals per live birth	float64	5.0	2.26	2.0	1.19	1.0	17.0	42
Number of intended retrievals per live birth	float64	5.0	3.15	2.7	2.16	1.0	30.0	57
Number of intended retrievals per live birth	float64	8.0	5.15	4.2	3.3	1.0	27.0	88
Number of intended retrievals per live birth	float64	27.0	14.25	10.85	13.13	1.0	127.6	153
Pct new patients with LB after 1 intended retrieval	float64	23.0	52.62	54.25	12.13	15.6	85.0	234
Pct new patients with LB after 1 intended retrieval	float64	42.0	39.72	40.0	11.5	9.7	66.7	174

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Pct new patients with LB after 1 intended retrieval	float64	52.0	26.0	26.7	9.15	0.0	54.1	131
Pct new patients with LB after 1 intended retrieval	float64	69.0	8.73	8.3	5.63	0.0	26.1	89
Pct new patients with LB after 1 or 2 intended retrievals	float64	23.0	58.09	60.7	12.53	15.6	90.0	220
Pct new patients with LB after 1 or 2 intended retrievals	float64	42.0	46.25	46.8	12.44	13.6	72.2	171
Pct new patients with LB after 1 or 2 intended retrievals	float64	52.0	32.25	32.5	10.17	6.4	58.1	144

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Pct new patients with LB after 1 or 2 intended retrievals	float64	69.0	11.82	11.5	6.87	0.0	30.6	93
Pct new patients with LB after all intended retrievals	float64	23.0	58.95	61.15	12.56	15.6	90.0	217
Pct new patients with LB after all intended retrievals	float64	42.0	47.6	48.3	12.55	14.1	72.2	182
Pct new patients with LB after all intended retrievals	float64	52.0	34.37	34.85	10.64	7.0	61.3	153
Pct new patients with LB after all intended retrievals	float64	69.0	13.07	12.9	7.26	0.0	34.7	97

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Average number of intended retrievals per new patient	float64	4.0	1.15	1.1	0.12	1.0	1.8	9
Average number of intended retrievals per new patient	float64	4.0	1.24	1.2	0.25	1.0	4.0	15
Average number of intended retrievals per new patient	float64	4.0	1.36	1.3	0.26	1.0	2.8	16
Average number of intended retrievals per new patient	float64	7.0000000000000001	1.39	1.4	0.32	1.0	3.0	17
Average number of transfers per intended retrieval	float64	4.0	1.02	1.0	0.24	0.0	1.7	16

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Average number of transfers per intended retrieval	float64	4.0	0.84	0.8	0.27	0.0	2.0	19
Average number of transfers per intended retrieval	float64	4.0	0.63	0.6	0.26	0.0	1.8	17
Average number of transfers per intended retrieval	float64	7.0000000000000001	0.38	0.3	0.28	0.0	2.0	16
Number of transfers	float64	25.0	2.66	0.0	8.83	0.0	121.0	24
Number of transfers	float64	28.999999999999996	6.69	0.0	14.44	0.0	148.0	33
Number of transfers	float64	16.0	39.21	18.0	76.09	0.0	791.0	100
Number of transfers	float64	33.0	8.02	0.0	18.41	0.0	205.0	41
Pct transfers resulting in live births	float64	98.0	57.65	51.3	16.73	39.1	95.2	10

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Pct transfers resulting in live births	float64	93.0	51.48	50.0	15.69	13.6	85.7	26
Pct transfers resulting in live births	float64	60.0	46.53	45.8	12.73	18.2	77.1	128
Pct transfers resulting in live births	float64	93.0	39.55	40.2	12.23	5.7	59.5	30
Pct transfers resulting in singleton live births	float64	98.0	52.91	51.3	18.02	25.9	90.5	10
Pct transfers resulting in singleton live births	float64	93.0	48.54	49.2	15.26	13.6	81.0	24
Pct transfers resulting in singleton live births	float64	60.0	43.68	42.9	12.47	16.0	71.4	135
Pct transfers resulting in singleton live births	float64	93.0	34.94	36.7	10.56	5.7	53.3	29

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Total number of cycles	float64	1.0	273.09	154.0	412.44	5.0	4745.0	303
Total number of cycles	float64	2.0	172.96	89.0	274.71	5.0	2766.0	245
Total number of cycles	float64	2.0	148.17	70.0	248.86	0.0	2548.0	223
Total number of cycles	float64	2.0	143.79	64.0	271.52	0.0	2819.0	216
Total number of cycles	int64	0.0	727.1	377.0	1164.77	9.0	12035.0	386
Pct expected retrieval cycles without any retrieved	float64	12.0	5.3	4.4	4.16	0.0	23.8	119
Pct expected retrieval cycles without any retrieved	float64	22.0	7.57	6.7	5.97	0.0	39.5	137
Pct expected retrieval cycles without any retrieved	float64	25.0	10.26	8.8	6.35	0.0	35.7	160

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Pct expected retrieval cycles without any retrieved	float64	33.0	14.82	14.1	8.92	0.0	55.0	167
Pct expected retrieval cycles without any retrieved	float64	2.0	8.44	7.85	4.99	0.0	31.1	166
Pct cycles discontinued after retrieval before transfer or bank	float64	6.0	10.3	8.85	7.3	0.0	49.5	187
Pct cycles discontinued after retrieval before transfer or bank	float64	11.0	10.99	9.8	7.44	0.0	54.3	179

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Pct cycles discontinued after retrieval before transfer or bank	float64	14.000000000000002	13.45	12.4	8.02	0.0	63.9	184
Pct cycles discontinued after retrieval before transfer or bank	float64	21.0	18.49	18.0	8.88	0.0	64.3	199
Pct cycles discontinued after retrieval before transfer or bank	float64	1.0	12.81	11.7	7.47	0.6	59.0	198

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Pct cycles for fertility preservation	float64	6.0	7.15	3.5	10.03	0.0	70.3	166
Pct cycles for fertility preservation	float64	10.0	7.96	4.4	11.19	0.0	89.1	158
Pct cycles for fertility preservation	float64	14.000000000000002	6.87	3.8	9.93	0.0	86.1	144
Pct cycles for fertility preservation	float64	19.0	3.89	1.9	6.77	0.0	56.9	108
Pct cycles for fertility preservation	float64	1.0	6.41	3.3	9.12	0.0	69.2	155
Pct transfers using gestational carrier	float64	11.0	3.37	1.3	7.44	0.0	65.7	94
Pct transfers using gestational carrier	float64	22.0	3.93	1.7	8.85	0.0	100.0	95

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Pct transfers using gestational carrier	float64	30.0	4.74	2.1	9.82	0.0	81.8	98
Pct transfers using gestational carrier	float64	35.0	8.73	4.1	14.47	0.0	91.7	130
Pct transfers using gestational carrier	float64	4.0	4.66	2.1	9.36	0.0	83.5	115
Pct transfers using frozen embryos	float64	11.0	82.32	90.05	18.01	11.3	100.0	231
Pct transfers using frozen embryos	float64	22.0	83.85	90.9	16.69	23.3	100.0	195
Pct transfers using frozen embryos	float64	30.0	82.37	88.5	17.79	4.2	100.0	183
Pct transfers using frozen embryos	float64	35.0	78.24	81.8	18.1	6.7	100.0	197

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Pct transfers using frozen embryos	float64	4.0	80.68	86.4	18.27	4.3	100.0	252
Pct transfers of at least one embryo with ICSI	float64	11.0	79.58	86.7	20.32	2.9	100.0	252
Pct transfers of at least one embryo with ICSI	float64	22.0	78.57	85.1	19.81	3.4	100.0	219
Pct transfers of at least one embryo with ICSI	float64	30.0	76.07	82.5	19.38	9.1	100.0	212
Pct transfers of at least one embryo with ICSI	float64	35.0	66.76	69.2	20.29	6.2	100.0	215

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Pct transfers of at least one embryo with ICSI	float64	4.0	76.74	82.8	19.69	4.3	100.0	293
Pct transfers of at least one embryo with PGT	float64	11.0	43.17	39.65	30.15	0.0	100.0	299
Pct transfers of at least one embryo with PGT	float64	22.0	51.07	52.5	29.34	0.0	100.0	274
Pct transfers of at least one embryo with PGT	float64	30.0	53.03	56.7	28.57	0.0	100.0	247
Pct transfers of at least one embryo with PGT	float64	35.0	43.55	40.0	26.67	0.0	100.0	222

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Pct transfers of at least one embryo with PGT	float64	4.0	45.08	45.1	28.65	0.0	100.0	330
Pct cycles for male factor reason	float64	1.0	29.18	27.0	14.32	0.0	93.0	71
Pct cycles for endometriosis reason	float64	3.0	8.29	6.0	7.42	0.0	51.0	37
Pct cycles for tubal factor reason	float64	2.0	12.54	11.0	8.1	0.0	56.0	41
Pct cycles for ovulatory dysfunction reason	float64	2.0	16.43	14.0	11.68	0.0	84.0	52
Pct cycles for uterine factor reason	float64	4.0	5.97	4.0	7.35	0.0	58.0	35

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Pct cycles for PGT reason	float64	3.0	14.38	5.0	20.32	0.0	95.0	72
Pct cycles for gestational carrier reason	float64	16.0	1.73	1.0	4.16	0.0	43.0	20
Pct cycles for DOR reason	float64	1.0	25.78	24.0	13.84	0.0	90.0	67
Pct cycles for banking reason	float64	1.0	35.38	36.0	17.91	0.0	99.0	82
Pct cycles for recurrent pregnancy loss reason	float64	2.0	5.43	5.0	3.81	0.0	25.0	21
Pct cycles for other infertility reason	float64	1.0	21.23	13.0	21.49	0.0	97.0	78

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Pct cycles for other non-infertility reason	float64	5.0	4.24	2.0	6.47	0.0	70.0	30
Pct cycles for unexplained reason	float64	4.0	10.69	9.0	9.89	0.0	75.0	42
Number of excluded research cycles	float64	0.0	0.01	0.0	0.28	0.0	6.0	2

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Categorical Columns Report

Column Name	Data Type	Missing Values (%)	Unique Values	Most Frequent Value	Frequency of Most Frequent
First line current clinic name	object	0.0	447	CENTER FOR REPRODUCTIVE MEDICINE	2
Second line current clinic name	object	0.0	59		391
Current clinic city	object	0.0	279	NEW YORK	25
Current clinic state	object	0.0	50	CALIFORNIA	73
Name of director verifying data	object	0.0	443	Christine Mansfield, MD	2
Whether clinic has donor egg program	object	0.0	2	Yes	398
Whether clinic has donated embryo program	object	0.0	2	Yes	284

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Whether clinic has embryo cryopreservation program	object	0.0	1	Yes	449
Whether clinic has egg cryopreservation program	object	0.0	2	Yes	443
Clinic services for using gestational carriers	object	0.0	2	Yes	402
Whether clinic is SART member	object	0.0	2	Yes	360
Embryo laboratory accreditation status	object	0.0	3	Yes	395

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Current state postal code	object	0.0	50	CA	73
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