

Extended Well Log IoT Dataset

Well Log IoT Dataset

This dataset simulates well log sensor data collected via IoT devices, containing measurements such as Depth, Gamma Ray, Resistivity, Sonic, and Temperature.

Depth (m)	Gamma Ray	Resistivity	Sonic	Temperature (C)
100.0	60.5	8.7	120.1	82.3
100.5	63.2	9.1	119.8	82.5
101.0		9.4	118.9	82.6
101.5	65.8	9.6	118.3	82.9
102.0	70.1	10.3	117.6	83.1
102.5	71.5		117.1	83.5
103.0	74.8	11.1	116.7	83.7
103.5	77.3	11.4	116.1	83.9
104.0	79.5	11.7		84.1
104.5	80.2	12.1	114.5	84.5
105.0	82.1	12.3	113.9	84.8
105.5	85.4		113.3	85.2
106.0	87.2	13.4	112.8	85.6
106.5		13.8	112.2	85.9
107.0	90.1	14.0	111.7	86.3
107.5	92.5	14.2	111.2	86.7
108.0	95.8	14.5	110.9	87.1
108.5	97.2		110.2	87.5
109.0	98.3	15.1	109.9	87.9
109.5	100.0	15.5	109.5	88.3
110.0	102.1	16.0	108.9	88.7
110.5	105.5	16.3	108.2	89.1
111.0	107.8	16.5	107.5	89.3
111.5	110.2	16.8	107.0	89.7
112.0	112.5	17.0	106.5	90.0
112.5	115.0	17.3	105.8	90.4
113.0	117.5	17.5	105.2	90.7
113.5	119.0	17.8	104.8	91.0
114.0		18.0	104.3	91.2
114.5	123.2	18.3	103.8	91.5

Depth (m)	Gamma Ray	Resistivity	Sonic	Temperature (C)
115.0	124.7		103.2	91.8
115.5	126.5	18.9	102.7	92.1
116.0	128.2	19.1	102.2	92.5
116.5	129.0	19.5		92.7
117.0	130.8	19.8	101.6	93.0
117.5	132.5	20.0	101.2	93.3
118.0	135.0	20.3	100.8	93.5
118.5	137.2	20.5	100.3	93.8
119.0		20.7	99.8	94.0
119.5	140.1	21.0	99.2	94.3
120.0	142.5	21.3	98.8	94.7
120.5	143.0		98.3	95.0
121.0	145.3	21.8	97.9	95.3
121.5	147.0	22.0	97.5	95.6
122.0	149.2	22.3	97.1	95.8
122.5	150.5	22.5	96.8	96.1
123.0	151.8	22.8	96.2	96.5
123.5	153.2	23.0	95.8	96.8
124.0	154.0		95.3	97.1
124.5	156.5	23.5	94.9	97.5
125.0	158.0	23.7	94.5	97.8
125.5	160.2	24.0	94.0	98.1
126.0	162.5	24.2	93.6	98.4
126.5	164.0	24.5	93.3	98.7
127.0	166.2	24.8		99.0
127.5	168.0	25.0	92.8	99.2
128.0	169.5	25.2	92.5	99.5
128.5		25.5	92.1	99.8
129.0	172.0	25.8	91.9	100.1
129.5	174.5	26.0	91.5	100.3
130.0	175.0		91.1	100.6
130.5	176.5	26.3	90.8	101.0
131.0	177.8	26.5	90.4	101.2
131.5	179.0	26.8	90.1	101.6
132.0	181.2	27.0	89.8	102.0
132.5	182.5	27.3	89.4	102.3
133.0	184.0	27.5	89.0	102.6
133.5	186.0	27.8	88.7	102.9
134.0		28.0	88.3	103.2
134.5	188.2	28.3	88.0	103.5
135.0	190.0	28.5	87.7	103.8
135.5	191.2	28.8	87.3	104.2
136.0	193.5	29.0	87.0	104.5
136.5	194.8	29.3	86.7	104.8

Depth (m)	Gamma Ray	Resistivity	Sonic	Temperature (C)
137.0	196.0	29.5	86.3	105.2
137.5	198.0	29.8	86.0	105.5
138.0	199.5	30.0	85.6	105.8
138.5		30.3	85.3	106.1
139.0	201.2	30.5	85.0	106.5
139.5	203.0	30.8	84.6	106.8
140.0	204.5	31.0	84.3	107.1
140.5	206.0	31.3	84.0	107.5
141.0	207.2		83.6	107.8
141.5	208.5	31.8	83.3	108.1
142.0	210.0	32.0	83.0	108.4
142.5	211.5	32.3	82.6	108.8
143.0	213.2	32.5	82.3	109.0
143.5	214.8	32.8	82.0	109.3
144.0	216.5	33.0	81.7	109.6
144.5	218.0		81.3	110.0
145.0	220.0	33.5	81.0	110.3
145.5	221.2	33.8	80.7	110.7
146.0	223.0	34.0	80.3	111.0
146.5	225.0	34.3	80.0	111.3
147.0	226.5	34.5	79.7	111.7
147.5	228.0	34.8	79.3	112.0
148.0	230.5	35.0	79.0	112.3
148.5	231.8	35.3	78.7	112.7
149.0	233.2	35.5	78.3	113.0
149.5	234.5	35.8	78.0	113.3
150.0	236.0		77.6	113.7
150.5	237.5	36.3	77.3	114.0
151.0	238.8	36.5	77.0	114.3
151.5	240.0	36.8	76.7	114.6
152.0	241.2	37.0	76.3	115.0
152.5	243.0	37.3	76.0	115.3
153.0	244.5	37.5	75.7	115.6
153.5	246.0	37.8	75.3	116.0
154.0	247.5		75.0	116.3
154.5	248.0	38.3	74.7	116.7
155.0	249.5	38.5	74.3	117.0
155.5	250.8	38.8	74.0	117.3
156.0	252.0	39.0	73.7	117.6