

Team ID	PNT2022TMID16005
Project Name	Efficient Water Quality Analysis and Prediction using Machine Learning

Data Collection

1	STATION C	LOCATION	STATE	Temp	D.O. (mg/l PH		CONDUCT	B.O.D. (mg	NITRATE	FECAL COL	TOTAL CO	year	
2	1393	DAMANGA	DAMAN &	30.6	6.7	7.5	203	NAN	0.1	11	27	2014	
3	1399	ZUARI AT I	GOA	29.8	5.7	7.2	189	2	0.2	4953	8391	2014	
4	1475	ZUARI AT I	GOA	29.5	6.3	6.9	179	1.7	0.1	3243	5330	2014	
5	3181	RIVER ZUA	GOA	29.7	5.8	6.9	64	3.8	0.5	5382	8443	2014	
6	3182	RIVER ZUA	GOA	29.5	5.8	7.3	83	1.9	0.4	3428	5500	2014	
7	1400	MANDOVI	GOA	30	5.5	7.4	81	1.5	0.1	2853	4049	2014	
8	1476	MANDOVI	GOA	29.2	6.1	6.7	308	1.4	0.3	3355	5672	2014	
9	3185	RIVER MAI	GOA	29.6	6.4	6.7	414	1	0.2	6073	9423	2014	
10	3186	RIVER MAI	GOA	30	6.4	7.6	305	2.2	0.1	3478	4990	2014	
11	3187	RIVER MAI	GOA	30.1	6.3	7.6	77	2.3	0.1	2606	4301	2014	
12	1543	RIVER KAL	GOA	27.8	7.1	7.1	176	1.2	0.1	4573	7817	2014	
13	1548	RIVER ASS	GOA	27.9	6.7	6.4	93	1.4	0.1	2147	3433	2014	
14	2276	RIVER BICI	GOA	29.3	7.4	6.8	121	1.7	0.4	11633	18125	2014	
15	2275	RIVER CHA	GOA	29.2	6.9	7	620	1.1	0.1	3500	6300	2014	
16	3189	RIVER CHA	GOA	30	6	7.5	72	1.6	0.2	4995	9517	2014	
17	1546	RIVER KHA	GOA	29	7.3	7	247	1.5	0.2	1095	2453	2014	
18	2270	RIVER KHA	GOA	29.1	7.3	7	188	1	0.1	1286	3048	2014	
19	2272	RIVER KUS	GOA	28.7	7	6.9	224	1.2	0.3	3896	6742	2014	
20	1545	RIVER MAI	GOA	28.7	7.3	6.7	144	1.5	0.1	1940	3052	2014	
21	2274	RIVER MAI	GOA	29.5	5.3	6.8	319	1.8	0.3	6458	10250	2014	
22	2271	RIVER SAL	GOA	29	6.3	6.4	79	1.6	1.4	7592	12842	2014	
23	2273	RIVER SAL	GOA	29.4	5.4	7.6	39	1.4	0.1	3176	6367	2014	
24	3183	RIVER SAL	GOA	28.3	2.2	6.5	322	4.7	1.2	11210	14920	2014	
25	3184	RIVER SAL	GOA	30.1	5.2	7.1	192	2.6	0.3	5073	8925	2014	
1968	1624	LILONG, N	NAN	21	7.4	142	6.7	1.3	NAN	NAN	73	2003	
1969	1625	HUMP BRI	NAN	23	7.3	112	8.1	17.2	NAN	NAN	225	2003	
1970	1626	HEIRANG	NAN	21	7.5	124	3.7	18.5	NAN	NAN	247	2003	
1971	1427	UMTREW	NAN	20	6.9	223	6.3	6.8	NAN	NAN	295	2003	
1972	1428	KHARKHLA	NAN	17	3.1	493	5.8	5.9	NAN	NAN	33	2003	
1973	1631	MYNTDU F	NAN	15	6.9	142	7.3	2.2	NAN	NAN	1573	2003	
1974	1632	GANOL RI	NAN	20	6.9	145	7.8	1.8	NAN	NAN	245	2003	
1975	1633	SIMSANG I	NAN	21	7	145	7.3	2.3	NAN	NAN	363	2003	
1976	1455	RUSHIKUL	NAN	30	8.1	569	8.2	1.6	1.028	1.028	6050	2003	
1977	1456	RUSHIKUL	NAN	27	7.7	28598	7.7	1.7	0.962	0.962	3200	2003	
1978	1642	NAGAVALL	NAN	30	7.4	219	6.8	3	0.964	0.964	11300	2003	
1979	1643	NAGAVALL	NAN	29	7.2	198	7.2	2.1	1.03	1.03	4950	2003	
1980	1685	ARASALAR	NAN	29	8	978	5.4	9	1.24	1.24	NAN	2003	
1981	1717	KODRA DA	NAN	21	7.6	203	6.3	1.9	0.107	0.107	109	2003	
1982	1159	TAMBIRAP	NAN	29	7.2	150	7.5	1.3	0.142	0.142	327	2003	
1983	1160	TAMBIRAP	NAN	31	7.3	178	6.7	1.5	0.138	0.138	190	2003	
1984	1161	TAMBIRAP	NAN	29	7.1	214	6.8	2.3	0.585	0.585	350	2003	
1985	1162	TAMBIRAP	NAN	NAN	7.5	293	7.2	1.2	0.568	0.568	35	2003	
1986	1328	TAMBIRAP	NAN	28	6.9	146	7.1	2	0.506	0.506	38	2003	
1987	1329	TAMBIRAP	NAN	28	7	136	7.5	1.4	0.609	0.609	205	2003	
1988	1330	TAMBIRAP	NAN	NAN	7.9	738	7.2	2.7	0.518	0.518	202	2003	
1989	1450	PALAR AT	NAN	29	7.5	585	6.3	2.6	0.155	0.155	315	2003	
1990	1403	GUMTI AT	NAN	28	7.6	98	6.2	1.2	NAN	NAN	570	2003	
1991	1404	GUMTI AT	NAN	28	7.7	91	6.5	1.3	NAN	NAN	562	2003	
1992	1726	CHANDRA	NAN	29	7.6	110	5.7	1.1	NAN	NAN	546	2003	