

Project ID	Project Name	Project Type	Year	Mode	KLOC	Effort	Result	Effort
1	de	avionicsmonitoring	1979	semidetached	25.9	117.6	100.87133837	16145
2	de	avionicsmonitoring	1979	semidetached	24.6	117.6	95.21806844	715526
3	de	avionicsmonitoring	1979	semidetached	7.7	31.2	25.92636671	11749463
4	de	avionicsmonitoring	1979	semidetached	8.2	36.0	27.81913115	5963934
5	de	avionicsmonitoring	1979	semidetached	9.7	25.2	33.57812099	742998
6	de	avionicsmonitoring	1979	semidetached	2.2	8.4	6.37360947	6496204
7	de	avionicsmonitoring	1979	semidetached	3.5	10.8	10.72082623	7063005
8	erb	avionicsmonitoring	1982	semidetached	66.6	352.8	290.5114031	8271155
9	gal	missionplanning	1980	semidetached	7.5	72.0	45.46673888	898667
10	gal	missionplanning	1980	semidetached	20.0	72.0	32.98169703	3599474
11	gal	missionplanning	1984	semidetached	6.0	24.0	10.52081089	500328
12	gal	missionplanning	1980	semidetached	100.0	360.0	200.0411777	6485634
13	gal	missionplanning	1985	semidetached	11.3	36.0	27.99815360	9360166
14	gal	missionplanning	1980	semidetached	100.0	215.0	475.882651	770401
15	gal	missionplanning	1983	semidetached	20.0	48.0	40.52037064	127936
16	gal	missionplanning	1982	semidetached	100.0	360.0	418.204552	818515
17	gal	missionplanning	1980	semidetached	150.0	324.0	491.4351444	3315814
18	gal	missionplanning	1984	semidetached	31.5	60.0	74.79200473	228221
19	gal	missionplanning	1983	semidetached	15.0	48.0	29.35905173	328485
20	gal	missionplanning	1984	semidetached	32.5	60.0	140.5021161	7191815
21	X	avionicsmonitoring	1985	semidetached	19.7	60.0	74.24619824	941627
22	X	avionicsmonitoring	1985	semidetached	66.6	300.0	290.5114031	8271155
23	X	simulation	1985	semidetached	29.5	120.0	116.7004969	0562215
24	X	monitor_control	1986	semidetached	15.0	90.0	62.21629247	832245
25	X	monitor_control	1986	semidetached	38.0	210.0	182.5636908	5143936
26	X	monitor_control	1986	semidetached	10.0	48.0	30.95003170	7827332
27	X	realdataprocessing	1982	semidetached	15.4	70.0	62.18186968	8488185
28	X	realdataprocessing	1982	semidetached	48.5	239.0	224.7353114	813232
29	X	realdataprocessing	1982	semidetached	16.3	82.0	66.2659892	78573
30	X	communications	1982	semidetached	12.8	62.0	50.54936856	2041195
31	X	batchdataprocessing	1982	semidetached	32.6	170.0	144.0271214	9760654
32	X	datacapture	1982	semidetached	35.5	192.0	158.4514888	855493
33	X	missionplanning	1985	semidetached	5.5	18.0	17.78599883	7511503
34	X	avionicsmonitoring	1987	semidetached	10.4	50.0	36.30357441	644514
35	X	avionicsmonitoring	1987	semidetached	14.0	60.0	50.64486844	173031
36	X	monitor_control	1986	semidetached	6.5	42.0	32.28344665	976124
37	X	monitor_control	1986	semidetached	13.0	60.0	61.01486429	158776
38	X	monitor_control	1986	semidetached	90.0	444.0	360.4753289	5371586
39	X	monitor_control	1986	semidetached	8.0	42.0	35.42255477	273616
40	X	monitor_control	1986	semidetached	16.0	114.0	85.45873392	462205
41	hst	datacapture	1980	semidetached	177.9	1248.0	1202.736528	0444433
42	slp	launchprocessing	1975	semidetached	302.0	2400.0	1641.544268	5076061
43	Y	application_ground	1982	semidetached	282.1	1368.0	938.4582904	531363
44	Y	application_ground	1982	semidetached	284.7	973.0	1114.858802	8224642
45	Y	avionicsmonitoring	1982	semidetached	79.0	400.0	279.8254087	985269
46	Y	avionicsmonitoring	1977	semidetached	423.0	2400.0	1143.730867	1247401

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47	Y	missionplanning	1977	semidetached	190.0	420.0	436.93070629973994	
48	Y	missionplanning	1984	semidetached	47.5	252.0	194.24953309613664	
49	Y	missionplanning	1980	semidetached	21.0	107.0	170.12246381640847	
50	Y	simulation	1983	semidetached	78.0	571.4	548.6514676463146	
51	Y	simulation	1984	semidetached	11.4	98.8	63.66254904512861	
52	Y	simulation	1985	semidetached	19.3	155.0	114.80869391383995	
53	Y	missionplanning	1979	semidetached	101.0	750.0	602.7024309704311	
54	Y	missionplanning	1979	semidetached	219.0	2120.0	1509.5878379395092	
55	Y	utility	1979	semidetached	50.0	370.0	288.67381019672774	
56	spl	datacapture	1979	semidetached	227.0	1181.0	1236.6561324377337	
57	spl	batchdataprocessing	1977	semidetached	70.0	278.0	277.9532421472055	
58	de	avionicsmonitoring	1979	semidetached	0.9	8.4	2.342198281172465	
59	slp	operatingsystem	1974	semidetached	980.0	4560.0	24726.50283073876	
60	slp	operatingsystem	1975	embedded	350.0	720.0	1555.1186931583388	
61	Y	operatingsystem	1976	embedded	70.0	458.0	606.480208944316	
62	Y	utility	1979	embedded	271.0	2460.0	3077.95406570291	
63	Y	avionicsmonitoring	1971	organic	90.0	162.0	143.99883121924336	
64	Y	avionicsmonitoring	1980	organic	40.0	150.0	61.456429233515365	
65	Y	avionicsmonitoring	1979	embedded	137.0	636.0	937.3164654902902	
66	Y	avionicsmonitoring	1977	embedded	150.0	882.0	1712.897396871584	
67	Y	avionicsmonitoring	1976	embedded	339.0	444.0	3384.4756881935164	
68	Y	avionicsmonitoring	1983	organic	240.0	192.0	354.6575351230499	
69	Y	avionicsmonitoring	1978	semidetached	144.0	576.0	821.1095151778321	
70	Y	avionicsmonitoring	1979	semidetached	151.0	432.0	615.4906325258843	
71	Y	avionicsmonitoring	1979	semidetached	34.0	72.0	133.26665407712878	
72	Y	avionicsmonitoring	1979	semidetached	98.0	300.0	463.99196310805957	
73	Y	avionicsmonitoring	1979	semidetached	85.0	300.0	395.62748035818674	
74	Y	avionicsmonitoring	1982	semidetached	20.0	240.0	63.961827196930955	
75	Y	avionicsmonitoring	1978	semidetached	111.0	600.0	436.0426826108425	
76	Y	avionicsmonitoring	1978	semidetached	162.0	756.0	1086.800674336692	
77	Y	avionicsmonitoring	1978	semidetached	352.0	1200.0	2727.9232307614184	
78	Y	operatingsystem	1979	semidetached	165.0	97.0	1081.0919242291843	
79	Y	missionplanning	1984	embedded	60.0	409.0	497.9531922651257	
80	Y	missionplanning	1984	embedded	100.0	703.0	919.1936604431634	
81	hst	Avionics	1980	embedded	32.0	1350.0	1558.4962556857422	
82	hst	Avionics	1980	embedded	53.0	480.0	787.8587288936778	
84	spl	Avionics	1977	embedded	41.0	599.0	358.0491324593281	
89	spl	Avionics	1977	embedded	24.0	430.0	188.30224063263583	
91	Y	Avionics	1977	embedded	165.0	4178.2	4571.831386739055	
92	Y	science	1977	embedded	65.0	1772.5	1494.8771370730958	
93	Y	Avionics	1977	embedded	70.0	1645.9	1421.498390930741	
94	Y	Avionics	1977	embedded	50.0	1924.5	1384.8861401607037	
97	gal	Avionics	1982	embedded	7.25	648.0	133.4219444521164	
98	Y	Avionics	1980	embedded	233.0	8211.0	6917.299455110666	
99	X	Avionics	1983	embedded	16.3	480.0	363.23606439397446	
100	X	Avionics	1983	embedded	6.2	12.0	113.8764352374333	

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101	X	science	1983	embedded	3.0	38.0	47.655095246875675	