

Summary of the dataset:

	min	1 st quarter	mean	3 rd quarter	max
Reports	101	127	175	280	798
Unique bugs	8	17	23	32	99
Duration (in hours)	25	57	95	120	353

Details of the dataset:

ID	Number of unique bugs	Number of reports	Duration in hours	Domain	Type
1	36	284	69	Tools	Other departments of the company
2	17	120	60	Fashion	Third party companies
3	27	223	68	Shopping	Third party companies
4	14	103	88	Finance	Third party companies
5	24	174	100	Libraries and demo	Third party companies
6	34	272	90	Medical	Third party companies
7	9	117	115	Productivity	Third party companies
8	30	241	71	Shopping	Third party companies
9	16	119	72	Productivity	Third party companies
10	24	177	76	Game	Third party companies
11	17	119	99	Communication	Third party companies
12	17	157	95	Finance	Third party companies
13	42	337	90	Medical	Third party companies
14	18	138	106	Shopping	Third party companies
15	10	115	120	Libraries and demo	Other departments of the company
16	40	326	126	Shopping	Third party companies
17	16	117	29	Finance	Third party companies
18	32	271	131	House and home	Third party companies
19	14	115	65	Finance	Third party companies
20	19	136	97	Tools	Third party companies
21	20	141	53	Game	Third party companies
22	24	221	93	Auto and vehicle	Third party companies
23	30	243	50	Social	Third party companies
24	24	215	58	Weather	Third party companies
25	23	173	103	Communication	Third party companies
26	18	130	75	Game	Third party companies
27	18	127	97	Video players	Third party companies
28	22	155	86	Tools	Third party companies
29	31	252	113	Sports	Third party companies
30	17	121	125	Video players	Third party companies

31	34	275	120	Sports	Third party companies
32	41	332	74	Auto and vehicle	Third party companies
33	26	186	159	Game	Third party companies
34	23	161	43	Game	Third party companies
35	33	278	176	Game	Third party companies
36	21	158	216	Finance	Third party companies
37	31	270	73	Music and audio	Third party companies
38	51	412	47	Lifestyle	Third party companies
39	23	180	120	Productivity	Third party companies
40	40	326	95	Medical	Third party companies
41	35	284	118	Medical	Third party companies
42	16	124	114	Video players	Third party companies
43	21	149	63	Game	Third party companies
44	34	290	99	Education	Other departments of the company
45	39	330	100	Business	Third party companies
46	22	167	120	Game	Third party companies
47	16	117	50	Finance	Third party companies
48	33	271	170	Finance	Third party companies
49	17	124	75	Video players	Third party companies
50	22	158	49	Lifestyle	Third party companies
51	35	289	150	Sports	Third party companies
52	25	216	113	Sports	Third party companies
53	41	330	216	Libraries and demo	Third party companies
54	43	344	289	Education	Third party companies
55	10	114	120	Photography	Other departments of the company
56	37	317	106	Parenting	Third party companies
57	31	262	142	Education	Third party companies
58	38	306	116	Music and audio	Third party companies
59	36	295	100	Game	Third party companies
60	58	471	93	Tools	Other departments of the company
61	48	429	120	Health and fitness	Third party companies
62	54	432	147	Video players	Third party companies
63	57	463	70	Finance	Third party companies
64	14	101	107	Productivity	Third party companies
65	15	111	116	Productivity	Third party companies
66	50	404	187	Music and audio	Third party companies
67	51	416	187	Social	Third party companies
68	42	339	124	Dating	Third party companies
69	42	339	124	Photography	Third party companies
70	34	283	75	Social	Third party companies

71	36	288	75	Tools	Third party companies
72	14	103	191	Game	Third party companies
73	14	103	191	Lifestyle	Third party companies
74	99	798	50	Tools	Third party companies
75	34	304	142	Video players	Third party companies
76	42	395	142	Lifestyle	Third party companies
77	53	326	120	Education	Third party companies
78	53	400	95	Productivity	Third party companies
79	35	325	120	Travel and local	Third party companies
80	39	400	120	Auto and vehicle	Third party companies
81	32	244	120	Health and fitness	Third party companies
82	28	400	120	Lifestyle	Third party companies
83	27	400	97	Dating	Third party companies
84	32	217	120	Lifestyle	Third party companies
85	25	175	120	Social	Third party companies
86	23	400	51	Dating	Third party companies
87	69	561	185	Social	Third party companies
88	30	400	185	Communication	Third party companies
89	18	400	25	Business	Third party companies
90	20	132	120	Lifestyle	Third party companies
91	31	250	120	House and home	Third party companies
92	34	250	141	Travel and local	Third party companies
93	32	222	120	Finance	Third party companies
94	27	400	120	Business	Third party companies
95	25	400	29	Finance	Third party companies
96	25	205	102	Tools	Third party companies
97	46	400	75	Travel and local	Third party companies
98	46	372	120	Entertainment	Third party companies
99	19	133	120	Education	Third party companies
100	19	400	120	Parenting	Third party companies
101	27	195	120	Shopping	Third party companies
102	28	197	57	Travel and local	Third party companies
103	26	280	120	Food and drink	Third party companies
104	26	212	28	Health and fitness	Third party companies
105	18	132	49	Auto and vehicle	Third party companies
106	27	194	43	Business	Third party companies
107	20	146	27	Productivity	Third party companies
108	21	149	64	Health and fitness	Third party companies
109	32	261	120	Shopping	Third party companies
110	34	280	44	Social	Third party companies
111	28	262	120	Game	Third party companies
112	32	180	84	Game	Third party companies
113	26	184	120	Lifestyle	Third party companies

114	30	190	50	Entertainment	Third party companies
115	15	116	40	Social	Third party companies
116	15	116	120	Communication	Third party companies
117	21	150	136	Auto and vehicle	Third party companies
118	20	143	33	Travel and local	Third party companies
119	20	143	33	Lifestyle	Third party companies
120	15	128	120	Auto and vehicle	Third party companies
121	15	128	120	Business	Third party companies
122	28	197	35	Business	Third party companies
123	20	145	119	Tools	Third party companies
124	28	197	35	Travel and local	Third party companies
125	18	137	47	Social	Third party companies
126	18	137	47	Communication	Third party companies
127	23	170	32	Maps and navigation	Third party companies
128	23	170	32	Health and fitness	Third party companies
129	25	400	61	Social	Third party companies
130	25	185	61	Communication	Third party companies
131	18	400	43	Parenting	Third party companies
132	17	119	43	Entertainment	Third party companies
133	18	131	59	Business	Third party companies
134	20	400	120	Productivity	Third party companies
135	32	197	120	House and home	Third party companies
136	28	400	54	Tools	Third party companies
137	8	129	120	Finance	Third party companies
138	10	129	120	Business	Third party companies
139	24	400	130	Education	Third party companies
140	27	231	132	Productivity	Third party companies
141	32	240	120	Sports	Third party companies
142	29	239	120	Health and fitness	Third party companies
143	14	132	120	Books and reference	Third party companies
144	14	102	39	Education	Third party companies
145	23	179	27	Game	Third party companies
146	30	255	120	Game	Third party companies
147	37	315	57	Game	Third party companies
148	38	308	32	Music and audio	Third party companies
149	32	266	48	Travel and local	Third party companies
150	16	115	34	Business	Third party companies
151	25	214	120	Communication	Third party companies
152	46	370	25	Education	Third party companies
153	58	467	28	Shopping	Third party companies
154	25	195	49	Education	Third party companies
155	40	324	36	Food and drink	Third party companies
156	17	123	37	Libraries and demo	Third party companies

157	15	105	120	Shopping	Third party companies
158	19	134	47	Medical	Third party companies
159	34	277	71	Parenting	Third party companies
160	22	155	71	Finance	Third party companies
161	23	172	28	Productivity	Third party companies
162	24	206	31	House and home	Third party companies
163	17	132	55	Game	Third party companies
164	12	101	163	Maps and navigation	Third party companies
165	16	112	138	Maps and navigation	Third party companies
166	20	141	61	Shopping	Third party companies
167	20	149	133	Social	Third party companies
168	47	399	149	Tools	Other departments of the company
169	27	197	83	Communication	Third party companies
170	33	270	139	Medical	Third party companies
171	18	129	301	House and home	Third party companies
172	16	122	48	Food and drink	Third party companies
173	22	157	143	House and home	Third party companies
174	15	113	123	Parenting	Third party companies
175	16	124	72	Productivity	Third party companies
176	18	131	45	Tools	Third party companies
177	14	101	62	Shopping	Third party companies
178	12	101	48	Weather	Third party companies
179	15	109	86	Productivity	Third party companies
180	18	126	73	Video players	Third party companies
181	14	103	73	Shopping	Third party companies
182	18	134	71	Lifestyle	Third party companies
183	24	186	71	Medical	Third party companies
184	15	108	73	Tools	Third party companies
185	16	114	64	Education	Third party companies
186	14	103	48	Productivity	Third party companies
187	17	122	60	Lifestyle	Third party companies
188	13	118	48	Travel and local	Other departments of the company
189	15	111	84	Business	Third party companies
190	18	132	143	Productivity	Third party companies
191	18	130	58	Lifestyle	Third party companies
192	22	159	57	Parenting	Third party companies
193	24	176	49	Entertainment	Third party companies
194	16	125	91	Travel and local	Third party companies
195	18	132	44	News and magazines	Third party companies
196	23	166	62	Entertainment	Third party companies
197	14	116	132	Education	Third party companies

198	14	117	147	Education	Third party companies
199	25	200	173	Productivity	Third party companies
200	12	106	57	Tools	Third party companies
201	15	116	67	Education	Third party companies
202	13	144	41	Maps and navigation	Other departments of the company
203	15	111	109	Game	Third party companies
204	18	138	90	Productivity	Third party companies
205	18	127	353	Tools	Other departments of the company
206	26	213	168	House and home	Third party companies
207	27	230	67	Communication	Third party companies
208	16	113	99	Productivity	Third party companies
209	15	153	94	Social	Third party companies
210	18	132	99	Medical	Third party companies
211	17	123	116	Books and reference	Third party companies
212	17	120	118	Travel and local	Third party companies
213	19	133	71	Game	Third party companies
214	14	104	122	Maps and navigation	Third party companies
215	14	106	120	Medical	Third party companies
216	15	107	147	Shopping	Third party companies
217	16	117	131	Shopping	Third party companies
218	22	156	45	Education	Third party companies

Note that:

For “domain” attribute, it is the domain of the app.

For “type” attribute, it can be “Other departments of the company” or “Third party companies”.

“Other departments of the company” denotes the app is from other departments of BigCompany.

“Third party companies” denotes the app is from other companies. This attribute is only to demonstrate these apps are from various sources, and no matter what types of the apps, they are tested in the same way.

Another note is that, we mentioned in Background section, the project manager usually sets up either a fixed period (e.g., 5 days) or a fixed number of participant (e.g., recruiting 400 crowdworkers). The satisfaction of either criteria will trigger the task closing. However one can easily notice that in the table above, the duration of many tasks is not 5 days (120 hours) or the number of reports is not 400. This is because, sometimes the project managers can also close a batch of crowdtesting tasks in an ad-hoc way due to lack of decision support.