```
1 /Users/yisheng/Developer/py/venv3.7/bin/python3 /Users/
   yisheng/Developer/Github/AnswerTea/A2/manager UI/run.py
   * Serving Flask app "app" (lazy loading)
3 * Environment: production
     WARNING: Do not use the development server in a
   production environment.
     Use a production WSGI server instead.
6 * Debug mode: on
7 * Running on http://0.0.0.0:5000/ (Press CTRL+C to quit)
8 * Restarting with stat
9 * Debugger is active!
10 * Debugger PIN: 286-991-927
11 127.0.0.1 - - [16/Mar/2019 12:35:55] "GET / HTTP/1.1" 200 -
12 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779 a2 user'}]
13 i-0dc12a5044d7b079c ami-09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2 additional workers'}]
14 127.0.0.1 - - [16/Mar/2019 12:36:00] "GET /ec2_worker? HTTP
  /1.1" 200 -
15 2019-03-16 16:37:03.586173:
16 average load: 14.0
17 max_threshold: 70
18 min threshold: 30
19 instance number: 1
20 minus instance num: 0
21 127.0.0.1 - - [16/Mar/2019 12:37:03] "POST /
  manage_worker_pool HTTP/1.1" 302 -
22 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779 a2 user'}]
23 i-0dc12a5044d7b079c ami-09655c1332fdc8329
  ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2 additional workers'}]
24 127.0.0.1 - - [16/Mar/2019 12:37:04] "GET /ec2 worker HTTP/
  1.1" 200 -
25 2019-03-16 16:38:06.283524:
26 average load: 13.67
27 max_threshold: 70
28 min threshold:
29 instance number: 1
30 minus instance num: 0
31 127.0.0.1 - - [16/Mar/2019 12:38:06] "POST /
  manage_worker_pool HTTP/1.1" 302 -
32 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779 winter2019 [{'Key': 'Name', 'Value': '
   ece1779 a2 user'}]
33 i-0dc12a5044d7b079c ami-09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
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33 a2_additional_workers'}]
34 127.0.0.1 - - [16/Mar/2019 12:38:06] "GET /ec2_worker HTTP/
   1.1" 200 -
35 2019-03-16 16:39:08.807393:
36 average load: 29.17
37 max threshold: 70
38 min threshold: 30
39 instance number: 1
40 minus instance num: 0
41 127.0.0.1 - - [16/Mar/2019 12:39:08] "POST /
   manage worker pool HTTP/1.1" 302 -
42 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779 a2 user'}]
43 i-0dc12a5044d7b079c ami-09655c1332fdc8329
   ece1779 winter2019 [{'Key': 'Name', 'Value': '
   a2 additional workers'}]
44 127.0.0.1 - - [16/Mar/2019 12:39:09] "GET /ec2_worker HTTP/
   1.1" 200 -
45 2019-03-16 16:40:11.072528:
46 average load: 32.0
47 max threshold: 70
48 min_threshold: 30
49 instance number: 1
50 127.0.0.1 - - [16/Mar/2019 12:40:11] "POST /
  manage_worker_pool HTTP/1.1" 302 -
51 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779 winter2019 [{'Key': 'Name', 'Value': '
   ece1779 a2 user'}]
52 i-0dc12a5044d7b079c ami-09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
53 127.0.0.1 - - [16/Mar/2019 12:40:11] "GET /ec2 worker HTTP/
   1.1" 200 -
54 2019-03-16 16:41:14.754963:
55 average load: 32.2
56 max threshold: 70
57 min threshold: 30
58 instance number: 1
59 127.0.0.1 - - [16/Mar/2019 12:41:14] "POST /
  manage worker pool HTTP/1.1" 302 -
60 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779 winter2019 [{'Key': 'Name', 'Value': '
   ece1779 a2 user'}]
61 i-0dc12a5044d7b079c ami-09655c1332fdc8329
   ece1779 winter2019 [{'Key': 'Name', 'Value': '
   a2 additional workers'}]
62 127.0.0.1 - - [16/Mar/2019 12:41:15] "GET /ec2_worker HTTP/
   1.1" 200 -
63 2019-03-16 16:42:18.644436:
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64 average load: 31.31
65 max threshold: 70
66 min threshold: 30
67 instance number: 1
68 127.0.0.1 - - [16/Mar/2019 12:42:18] "POST /
   manage_worker_pool HTTP/1.1" 302 -
69 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779 winter2019 [{'Key': 'Name', 'Value': '
   ece1779 a2 user'}]
70 i-0dc12a5044d7b079c ami-09655c1332fdc8329
   ece1779 winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
71 127.0.0.1 - - [16/Mar/2019 12:42:19] "GET /ec2_worker HTTP
   /1.1" 200 -
72 2019-03-16 16:43:22.422339:
73 average load: 40.0
74 max threshold: 70
75 min_threshold:
76 instance number: 1
77 127.0.0.1 - - [16/Mar/2019 12:43:22] "POST /
   manage worker pool HTTP/1.1" 302 -
78 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779 a2 user'}]
79 i-0dc12a5044d7b079c ami-09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2 additional workers'}]
80 127.0.0.1 - - [16/Mar/2019 12:43:22] "GET /ec2_worker HTTP
   /1.1" 200 -
81 2019-03-16 16:44:24.527320:
82 average load: 50.17
83 max threshold: 70
84 min threshold: 30
85 instance number: 1
86 127.0.0.1 - - [16/Mar/2019 12:44:24] "POST /
   manage worker pool HTTP/1.1" 302 -
87 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779 a2 user'}]
88 i-0dc12a5044d7b079c ami-09655c1332fdc8329
   ece1779 winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
89 127.0.0.1 - - [16/Mar/2019 12:44:25] "GET /ec2 worker HTTP
   /1.1" 200 -
90 2019-03-16 16:45:26.891797:
91 average load: 52.5
92 max threshold: 70
93 min threshold: 30
94 instance number: 1
95 127.0.0.1 - - [16/Mar/2019 12:45:26] "POST /
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95 manage_worker_pool HTTP/1.1" 302 -
96 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
97 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
98 127.0.0.1 - - [16/Mar/2019 12:45:27] "GET /ec2 worker HTTP
    /1.1" 200 -
99 2019-03-16 16:46:29.587314:
100 average load: 52.79
101 max_threshold: 70
102 min threshold:
103 instance number: 1
104 127.0.0.1 - - [16/Mar/2019 12:46:29] "POST /
    manage worker pool HTTP/1.1" 302 -
105 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
106 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
107 127.0.0.1 - - [16/Mar/2019 12:46:30] "GET /ec2_worker HTTP
    /1.1" 200 -
108 2019-03-16 16:47:32.931007:
109 average load: 53.17
110 max threshold: 70
111 min threshold:
112 instance number: 1
113 127.0.0.1 - - [16/Mar/2019 12:47:32] "POST /
    manage_worker_pool HTTP/1.1" 302 -
114 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
115 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
116 127.0.0.1 - - [16/Mar/2019 12:47:33] "GET /ec2_worker HTTP
    /1.1" 200 -
117 2019-03-16 16:48:35.992308:
118 average load: 53.17
119 max_threshold: 70
120 min threshold: 30
121 instance number: 1
122 127.0.0.1 - - [16/Mar/2019 12:48:35] "POST /
    manage worker pool HTTP/1.1" 302 -
123 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
124 i-0dc12a5044d7b079c ami-09655c1332fdc8329
```

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124 ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
125 127.0.0.1 - - [16/Mar/2019 12:48:36] "GET /ec2 worker HTTP
    /1.1" 200 -
126 2019-03-16 16:49:38.910631:
127 average load: 56.0
128 max threshold: 70
129 min_threshold: 30
130 instance number: 1
131 127.0.0.1 - - [16/Mar/2019 12:49:38] "POST /
    manage worker pool HTTP/1.1" 302 -
132 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
133 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
134 127.0.0.1 - - [16/Mar/2019 12:49:39] "GET /ec2_worker HTTP
    /1.1" 200 -
135 2019-03-16 16:50:41.857276:
136 average load: 61.17
137 max threshold: 70
138 min_threshold:
139 instance number: 1
140 127.0.0.1 - - [16/Mar/2019 12:50:41] "POST /
    manage_worker_pool HTTP/1.1" 302 -
141 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
142 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
143 127.0.0.1 - - [16/Mar/2019 12:50:42] "GET /ec2 worker HTTP
    /1.1" 200 -
144 2019-03-16 16:51:44.167169:
145 average load: 61.69
146 max threshold: 70
147 min threshold: 30
148 instance number: 1
149 127.0.0.1 - - [16/Mar/2019 12:51:44] "POST /
    manage worker pool HTTP/1.1" 302 -
150 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
151 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
152 127.0.0.1 - - [16/Mar/2019 12:51:44] "GET /ec2_worker HTTP
    /1.1" 200 -
153 2019-03-16 16:52:46.807481:
```

```
154 average load: 61.97
155 max threshold: 70
156 min threshold: 30
157 instance number: 1
158 127.0.0.1 - - [16/Mar/2019 12:52:46] "POST /
    manage_worker_pool HTTP/1.1" 302 -
159 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
160 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
161 127.0.0.1 - - [16/Mar/2019 12:52:47] "GET /ec2_worker HTTP
    /1.1" 200 -
162 2019-03-16 16:53:49.312989:
163 average load: 45.93
164 max threshold: 70
165 min threshold:
166 instance number: 1
167 127.0.0.1 - - [16/Mar/2019 12:53:49] "POST /
    manage worker pool HTTP/1.1" 302 -
168 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
169 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
170 127.0.0.1 - - [16/Mar/2019 12:53:49] "GET /ec2 worker HTTP
    /1.1" 200 -
171 2019-03-16 16:54:51.687044:
172 average load: 40.0
173 max threshold: 70
174 min threshold: 30
175 instance number: 1
176 127.0.0.1 - - [16/Mar/2019 12:54:51] "POST /
    manage worker pool HTTP/1.1" 302 -
177 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
178 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
179 127.0.0.1 - - [16/Mar/2019 12:54:52] "GET /ec2 worker HTTP
    /1.1" 200 -
180 2019-03-16 16:55:55.651045:
181 average load: 45.74
182 max threshold: 70
183 min threshold: 30
184 instance number: 1
185 127.0.0.1 - - [16/Mar/2019 12:55:55] "POST /
```

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185 manage_worker_pool HTTP/1.1" 302 -
186 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
187 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
188 127.0.0.1 - - [16/Mar/2019 12:55:56] "GET /ec2 worker HTTP
    /1.1" 200 -
189 2019-03-16 16:56:59.111821:
190 average load: 46.78
191 max_threshold: 70
192 min threshold:
193 instance number: 1
194 127.0.0.1 - - [16/Mar/2019 12:56:59] "POST /
    manage worker pool HTTP/1.1" 302 -
195 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
196 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
197 127.0.0.1 - - [16/Mar/2019 12:56:59] "GET /ec2_worker HTTP
    /1.1" 200 -
198 2019-03-16 16:58:02.107588:
199 average load: 46.61
200 max threshold: 70
201 min threshold:
202 instance number: 1
203 127.0.0.1 - - [16/Mar/2019 12:58:02] "POST /
    manage_worker_pool HTTP/1.1" 302 -
204 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
205 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
206 127.0.0.1 - - [16/Mar/2019 12:58:02] "GET /ec2_worker HTTP
    /1.1" 200 -
207 2019-03-16 16:59:04.450604:
208 average load: 46.56
209 max_threshold: 70
210 min threshold: 30
211 instance number: 1
212 127.0.0.1 - - [16/Mar/2019 12:59:04] "POST /
    manage worker pool HTTP/1.1" 302 -
213 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
214 i-0dc12a5044d7b079c ami-09655c1332fdc8329
```

```
214 ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
215 127.0.0.1 - - [16/Mar/2019 12:59:04] "GET /ec2 worker HTTP
    /1.1" 200 -
216 2019-03-16 17:00:06.618434:
217 average load: 48.64
218 max threshold: 70
219 min_threshold: 30
220 instance number: 1
221 127.0.0.1 - - [16/Mar/2019 13:00:06] "POST /
    manage worker pool HTTP/1.1" 302 -
222 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
223 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
224 127.0.0.1 - - [16/Mar/2019 13:00:07] "GET /ec2_worker HTTP
    /1.1" 200 -
225 127.0.0.1 - - [16/Mar/2019 13:01:09] "POST /
    manage_worker_pool HTTP/1.1" 302 -
226 127.0.0.1 - - [16/Mar/2019 13:01:09] "GET /ec2 worker HTTP
    /1.1" 200 -
227 2019-03-16 17:01:09.144045:
228 average load: 47.21
229 max_threshold: 70
230 min threshold: 30
231 instance number: 1
232 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
233 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
234 2019-03-16 17:02:12.697926:
235 average load: 48.47
236 max threshold: 70
237 min threshold: 30
238 instance number: 1
239 127.0.0.1 - - [16/Mar/2019 13:02:12] "POST /
    manage worker pool HTTP/1.1" 302 -
240 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
241 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
242 127.0.0.1 - - [16/Mar/2019 13:02:13] "GET /ec2_worker HTTP
    /1.1" 200 -
243 2019-03-16 17:03:15.354311:
```

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244 average load: 46.17
245 max threshold: 70
246 min threshold: 30
247 instance number: 1
248 127.0.0.1 - - [16/Mar/2019 13:03:15] "POST /
    manage_worker_pool HTTP/1.1" 302 -
249 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
250 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779 winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
251 127.0.0.1 - - [16/Mar/2019 13:03:15] "GET /ec2_worker HTTP
    /1.1" 200 -
252 127.0.0.1 - - [16/Mar/2019 13:04:17] "POST /
    manage_worker_pool HTTP/1.1" 302 -
253 127.0.0.1 - - [16/Mar/2019 13:04:17] "GET /ec2_worker HTTP
    /1.1" 200 -
254 2019-03-16 17:04:17.406631:
255 average load: 47.7
256 max threshold: 70
257 min threshold:
258 instance number: 1
259 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
260 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
261 2019-03-16 17:05:19.576127:
262 average load: 46.67
263 max threshold: 70
264 min threshold:
265 instance number: 1
266 127.0.0.1 - - [16/Mar/2019 13:05:19] "POST /
    manage worker pool HTTP/1.1" 302 -
267 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779 a2 user'}]
268 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
269 127.0.0.1 - - [16/Mar/2019 13:05:20] "GET /ec2 worker HTTP
    /1.1" 200 -
270 2019-03-16 17:06:21.894618:
271 average load: 13.67
272 max threshold: 70
273 min threshold: 30
274 instance number: 1
275 minus instance num: 0
```

```
276 127.0.0.1 - - [16/Mar/2019 13:06:21] "POST /
    manage_worker_pool HTTP/1.1" 302 -
277 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
278 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2 additional workers'}]
279 127.0.0.1 - - [16/Mar/2019 13:06:22] "GET /ec2_worker HTTP
   /1.1" 200 -
280
281 Process finished with exit code 0
282
```