```
 1 /Users/yisheng/Developer/py/venv3.7/bin/python3 /Users/
   yisheng/Developer/Github/AnswerTea/A2/manager_UI/run.py
 2  * Serving Flask app "app" (lazy loading)
 3  * Environment: production
 4    WARNING: Do not use the development server in a
   production environment.
 5    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 12:04:15] "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 12:04:30] "GET /ec2_worker? HTTP
   /1.1" 200 -
15 2019-03-16 16:05:34.305379:
16 average load: 26.78
17 max_threshold: 80
18 min_threshold:  30
19 instance number: 1
20 minus_instance_num: 0
21 127.0.0.1 - - [16/Mar/2019 12:05:34] "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 12:05:34] "GET /ec2_worker HTTP/
   1.1" 200 -
25 127.0.0.1 - - [16/Mar/2019 12:05:52] "GET /main? HTTP/1.1"
   200 -
26 127.0.0.1 - - [16/Mar/2019 12:05:54] "GET /s3_bucket? HTTP/
   1.1" 200 -
27 127.0.0.1 - - [16/Mar/2019 12:05:55] "GET /main? HTTP/1.1"
   200 -
28 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779_a2_user'}]
29 i-0dc12a5044d7b079c ami-09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
30 127.0.0.1 - - [16/Mar/2019 12:05:57] "GET /ec2_worker? HTTP
```

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30 /1.1" 200 —
31 127.0.0.1 — — [16/Mar/2019 12:06:32] "GET /main? HTTP/1.1"
   200 —
32 i—073bb9dc0fa33d685 ami—080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779_a2_user'}]
33 i—0dc12a5044d7b079c ami—09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
34 127.0.0.1 — — [16/Mar/2019 12:07:10] "GET /ec2_worker? HTTP
   /1.1" 200 —
35 2019—03—16 16:08:12.615385:
36 average load: 26.67
37 max_threshold: 80
38 min_threshold:  30
39 instance number: 1
40 minus_instance_num: 0
41 127.0.0.1 — — [16/Mar/2019 12:08:12] "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 12:08:13] "GET /ec2_worker HTTP/
   1.1" 200 —
45 2019—03—16 16:09:14.709682:
46 average load: 26.83
47 max_threshold: 80
48 min_threshold:  30
49 instance number: 1
50 minus_instance_num: 0
51 127.0.0.1 — — [16/Mar/2019 12:09:14] "POST /
   manage_worker_pool HTTP/1.1" 302 —
52 i—073bb9dc0fa33d685 ami—080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779_a2_user'}]
53 i—0dc12a5044d7b079c ami—09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
54 127.0.0.1 — — [16/Mar/2019 12:09:15] "GET /ec2_worker HTTP/
   1.1" 200 —
55 2019—03—16 16:10:16.512938:
56 average load: 26.33
57 max_threshold: 80
58 min_threshold:  30
59 instance number: 1
60 minus_instance_num: 0
61 127.0.0.1 — — [16/Mar/2019 12:10:16] "POST /
```

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61 manage_worker_pool HTTP/1.1" 302 —
62 i—073bb9dc0fa33d685 ami—080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779_a2_user'}]
63 i—0dc12a5044d7b079c ami—09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
64 127.0.0.1 — — [16/Mar/2019 12:10:16] "GET /ec2_worker HTTP
   /1.1" 200 —
65 2019—03—16 16:11:19.695663:
66 average load: 26.95
67 max_threshold: 80
68 min_threshold:  30
69 instance number: 1
70 minus_instance_num: 0
71 127.0.0.1 — — [16/Mar/2019 12:11:19] "POST /
   manage_worker_pool HTTP/1.1" 302 —
72 i—073bb9dc0fa33d685 ami—080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779_a2_user'}]
73 i—0dc12a5044d7b079c ami—09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
74 127.0.0.1 — — [16/Mar/2019 12:11:20] "GET /ec2_worker HTTP
   /1.1" 200 —
75 i—073bb9dc0fa33d685 ami—080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779_a2_user'}]
76 i—0dc12a5044d7b079c ami—09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
77 127.0.0.1 — — [16/Mar/2019 12:12:12] "GET /ec2_worker HTTP
   /1.1" 200 —
78 []
79 127.0.0.1 — — [16/Mar/2019 12:13:11] "GET /ec2_worker/i—
   0dc12a5044d7b079c? HTTP/1.1" 200 —
80 i—073bb9dc0fa33d685 ami—080bb209625b6f74f
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   ece1779_a2_user'}]
81 i—0dc12a5044d7b079c ami—09655c1332fdc8329
   ece1779_winter2019 [{'Key': 'Name', 'Value': '
   a2_additional_workers'}]
82 127.0.0.1 — — [16/Mar/2019 12:13:23] "GET /ec2_worker?
   HTTP/1.1" 200 —
83 2019—03—16 16:14:24.785186:
84 average load: 3.61
85 max_threshold: 80
86 min_threshold:  30
87 instance number: 1
88 minus_instance_num: 0
```

```
 89 127.0.0.1 - - [16/Mar/2019 12:14:24] "POST /
    manage_worker_pool HTTP/1.1" 302 -
 90 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
 91 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
 92 127.0.0.1 - - [16/Mar/2019 12:14:25] "GET /ec2_worker HTTP
    /1.1" 200 -
 93 2019-03-16 16:15:26.352240:
 94 average load: 3.73
 95 max_threshold: 80
 96 min_threshold:  30
 97 instance number: 1
 98 minus_instance_num: 0
 99 127.0.0.1 - - [16/Mar/2019 12:15:26] "POST /
    manage_worker_pool HTTP/1.1" 302 -
100 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
101 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
102 127.0.0.1 - - [16/Mar/2019 12:15:26] "GET /ec2_worker HTTP
    /1.1" 200 -
103 2019-03-16 16:16:28.784120:
104 127.0.0.1 - - [16/Mar/2019 12:16:28] "POST /
    manage_worker_pool HTTP/1.1" 302 -
105 average load: 3.61
106 max_threshold: 80
107 min_threshold:  30
108 instance number: 1
109 minus_instance_num: 0
110 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
111 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
112 127.0.0.1 - - [16/Mar/2019 12:16:29] "GET /ec2_worker HTTP
    /1.1" 200 -
113 2019-03-16 16:17:30.964781:
114 average load: 4.17
115 max_threshold: 80
116 min_threshold:  30
117 instance number: 1
118 minus_instance_num: 0
119 127.0.0.1 - - [16/Mar/2019 12:17:30] "POST /
    manage_worker_pool HTTP/1.1" 302 -
```

```
120 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
121 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
122 127.0.0.1 - - [16/Mar/2019 12:17:31] "GET /ec2_worker HTTP
    /1.1" 200 -
123 2019-03-16 16:18:34.615251:
124 average load: 12.83
125 max_threshold: 80
126 min_threshold:  30
127 instance number: 1
128 minus_instance_num: 0
129 127.0.0.1 - - [16/Mar/2019 12:18:34] "POST /
    manage_worker_pool HTTP/1.1" 302 -
130 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
131 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
132 127.0.0.1 - - [16/Mar/2019 12:18:35] "GET /ec2_worker HTTP
    /1.1" 200 -
133 2019-03-16 16:19:38.264202:
134 average load: 21.86
135 max_threshold: 80
136 min_threshold:  30
137 instance number: 1
138 minus_instance_num: 0
139 127.0.0.1 - - [16/Mar/2019 12:19:38] "POST /
    manage_worker_pool HTTP/1.1" 302 -
140 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
141 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
142 127.0.0.1 - - [16/Mar/2019 12:19:38] "GET /ec2_worker HTTP
    /1.1" 200 -
143 2019-03-16 16:20:41.648574:
144 average load: 29.18
145 max_threshold: 80
146 min_threshold:  30
147 instance number: 1
148 minus_instance_num: 0
149 127.0.0.1 - - [16/Mar/2019 12:20:41] "POST /
    manage_worker_pool HTTP/1.1" 302 -
150 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
```

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150 ece1779_a2_user'}]
151 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
152 127.0.0.1 - - [16/Mar/2019 12:20:42] "GET /ec2_worker HTTP
    /1.1" 200 -
153 127.0.0.1 - - [16/Mar/2019 12:21:46] "POST /
    manage_worker_pool HTTP/1.1" 302 -
154 2019-03-16 16:21:46.649463:
155 127.0.0.1 - - [16/Mar/2019 12:21:47] "GET /ec2_worker HTTP
    /1.1" 200 -
156 average load: 39.33
157 max_threshold: 80
158 min_threshold:  30
159 instance number: 1
160 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
161 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
162 2019-03-16 16:22:49.379462:
163 average load: 43.33
164 max_threshold: 80
165 min_threshold:  30
166 instance number: 1
167 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
168 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
169 127.0.0.1 - - [16/Mar/2019 12:22:49] "POST /
    manage_worker_pool HTTP/1.1" 302 -
170 127.0.0.1 - - [16/Mar/2019 12:22:49] "GET /ec2_worker HTTP
    /1.1" 200 -
171 2019-03-16 16:23:52.701886:
172 127.0.0.1 - - [16/Mar/2019 12:23:52] "POST /
    manage_worker_pool HTTP/1.1" 302 -
173 average load: 48.67
174 127.0.0.1 - - [16/Mar/2019 12:23:53] "GET /ec2_worker HTTP
    /1.1" 200 -
175 max_threshold: 80
176 min_threshold:  30
177 instance number: 1
178 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
179 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
```

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179 a2_additional_workers'}]
180 2019-03-16 16:24:56.693663:
181 average load: 51.69
182 max_threshold: 80
183 min_threshold:  30
184 instance number: 1
185 127.0.0.1 - - [16/Mar/2019 12:24:56] "POST /
    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 12:24:57] "GET /ec2_worker HTTP
    /1.1" 200 -
189 2019-03-16 16:26:00.999468:
190 average load: 47.38
191 max_threshold: 80
192 min_threshold:  30
193 instance number: 1
194 127.0.0.1 - - [16/Mar/2019 12:26:01] "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 12:26:01] "GET /ec2_worker HTTP
    /1.1" 200 -
198 2019-03-16 16:27:03.883466:
199 average load: 48.64
200 max_threshold: 80
201 min_threshold:  30
202 instance number: 1
203 127.0.0.1 - - [16/Mar/2019 12:27:03] "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 12:27:04] "GET /ec2_worker HTTP
    /1.1" 200 -
207 2019-03-16 16:28:06.516535:
208 average load: 48.85
209 max_threshold: 80
210 min_threshold:   30
```

```
211 instance number: 1
212 127.0.0.1 - - [16/Mar/2019 12:28:06] "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
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
215 127.0.0.1 - - [16/Mar/2019 12:28:06] "GET /ec2_worker HTTP
    /1.1" 200 -
216 2019-03-16 16:29:08.409636:
217 average load: 46.1
218 max_threshold: 80
219 min_threshold:  30
220 instance number: 1
221 127.0.0.1 - - [16/Mar/2019 12:29:08] "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 12:29:08] "GET /ec2_worker HTTP
    /1.1" 200 -
225 2019-03-16 16:30:10.407870:
226 average load: 31.15
227 max_threshold: 80
228 min_threshold:  30
229 instance number: 1
230 127.0.0.1 - - [16/Mar/2019 12:30:10] "POST /
    manage_worker_pool HTTP/1.1" 302 -
231 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
232 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
233 127.0.0.1 - - [16/Mar/2019 12:30:10] "GET /ec2_worker HTTP
    /1.1" 200 -
234 2019-03-16 16:31:12.613304:
235 average load: 6.83
236 max_threshold: 80
237 min_threshold:  30
238 instance number: 1
239 minus_instance_num: 0
240 127.0.0.1 - - [16/Mar/2019 12:31:12] "POST /
    manage_worker_pool HTTP/1.1" 302 -
241 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
```

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241 ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
242 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
243 127.0.0.1 - - [16/Mar/2019 12:31:13] "GET /ec2_worker HTTP
    /1.1" 200 -
244 2019-03-16 16:32:14.650569:
245 average load: 4.75
246 max_threshold: 70
247 min_threshold:  30
248 instance number: 1
249 minus_instance_num: 0
250 127.0.0.1 - - [16/Mar/2019 12:32:14] "POST /
    manage_worker_pool HTTP/1.1" 302 -
251 i-073bb9dc0fa33d685 ami-080bb209625b6f74f
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    ece1779_a2_user'}]
252 i-0dc12a5044d7b079c ami-09655c1332fdc8329
    ece1779_winter2019 [{'Key': 'Name', 'Value': '
    a2_additional_workers'}]
253 127.0.0.1 - - [16/Mar/2019 12:32:15] "GET /ec2_worker HTTP
    /1.1" 200 -
254
```