**Tesseract UI code**

Technologies used:-

w3.css for web responsive. Better than bootstrap for a SPA. Very light weight. Contributes to a light page Weight

| Technologies | Features | Purpose |
| --- | --- | --- |
| w3.css | web responsive | Light weight than bootstrap & contributes to less page weight |
| Masonry.js | for grid layout of tiles displaying graph | for rendering the |
| jquery | efficient js library | for events & animation |
| d3.js | charting library | charting library for various charts |

**Questions / Doubts / Concerns**

1. The Users who are going to use the UI.
2. Based on the assumption that the user need to make some selections (before the Dashboard is displayed), a drop down was designed so that when the user first lands to this page (index.html), a Query, supplied by the User is being parsed.
3. Once the query is parsed & the chart is selected the information is displayed.

**Notes:-**

|  | Feature / Tasks | Status | Comment |
| --- | --- | --- | --- |
| **1** | Code is unit tested | No | Very less Time, but can be done. |
| **2** | node js setup | No. | Very less Time, but can be done. |
| **3** | Code is modular | Yes | Tried to keep the code modular, everything has its own css & js. |
| **4** | Helpful code comments in code | No | Less Time |
| **5** | Documentation | Incomplete |  |
| **6** | UI Styling issues | Not resolved |  |
| **7** | Real data set used | No |  |
|  |  |  |  |
|  |  |  |  |

1. Code is unit tested - No