

AMVARA DASHBOARD

Amvara Consulting S.L.

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<https://www.amvara.de>

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1 Introduction

This dashboard loads data from server via XHR requests and (depending on server speed) is able to visualize data in under 1 second. This documentation describes how to modify the data to fit your needs and how to change the skinning to meet your styleguide.

1.1 Dashboard's Main Page

The main page is divided in two parts. First we have the graphic, it is sorted by ticket type. Next, in the right part (If we are on desktop), or, in the bottom part (If we are on mobile), there are 4 tables with monthly information for each data type. It shows totals and percentages



Data can be ordered by:

- By Priority [1,2,3,4] Being 1 the most critical and 4 the less critical
- By Ticket Type
- By Application/Service
- By Status

Note: All of these can be changed, for example. Instead of Ticket Type, Sales Channel, instead of By priority, by Clothes Size, etc. Everything can be modified according to your needs.

2 Prepare Skinning

In this section, we will see how to change the dashboard skinning to meet your styleguide.

2.1 Header

Header title, is edited in `./src/app/components/ux/header/header.component.html`. The original title is “AMVARA Code Is Poetry”, in order to change the title we will edit both span:

```
<div class="header">
  <div class="logo" (click)="navigate('/')" routerLinkActive="active">
    <span>AMVARA</span>
    <span>Code is Poetry</span>
  </div>
```

First span is shown in white color, the second one, in red. (How to change colors is explained later).

2.2 Window Title

Window title is edited on `./src/index.html`. In order to edit it, simply change “AMVARA DASHBOARD” inside the title tag, with, “YOUR DASHBOARD TITLE”.

```
<head>
  <meta charset="utf-8">
  <title>AMVARA DASHBOARD</title>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta http-equiv="X-UA-Compatible" content="IE=edge" >
  <link rel="icon" type="image/x-icon" href="favicon.ico?v2">
  <link rel="manifest" href="manifest.json" crossorigin="use-credentials">
  <meta name="theme-color" content="#111111">
</head>
```

2.3 Loading Screen

Loading screen is edited on `./src/index.html`

2.3.1 Loading Screen Title

In order to change the title, div class name must be edited. The part inside “b” tag will be displayed with the color specified in “blue” class.

```
<div class="main">
  <div class="img"></div>
  <div class="name">AMVARA <b class="blue">Code is Poetry</b></div>
</div>
```

2.3.2 Loading Screen CSS

In order to change the “blue” class color, simply, find inside `index.html` style the blue selector and change the color to your needs:

```
.blue {
  color: #ef3348;
}
```

In order to change the progress bar color, you have to edit “.progress .progress-value” inside index.html styles. If you want the bar to have a different background, change background-color inside .progress. If the color in .progress is the same as the background color of the dashboard, the bar will not have a visible background

```
.progress {
  width: 180px;
  position: fixed;
  height: 7px;
  top: 0;
  bottom: 0;
  left: 0;
  right: 0;
  margin: auto;
  border-radius: 7px;
  background-color: rgb(0,22,40);
}

.progress .progress-value {
  position: absolute;
  top: 0;
  width: 0%;
  height: 100%;
  border-radius: 7px;
  background-color: #ef3340;
  box-shadow: 0 0 15px #ef3340;
  transition: width .2s ease-in-out;
}
```

If you want to change the background color, edit the background-color property in the body style selector.

```
<style>
body {
  height: 100%;
  width: 100%;
  background-color: rgb(0,22,40);
  color: rgba(255, 255, 255, .85);
  font-family: "CorpoS", "Segoe UI", "Arial", "sans-serif";
  font-size: 13px;
}
```

For changing the color of the first part of the title, edit the color property in the name class style selector.

```
.name {
  width: 100%;
  text-align: center;
  height: 60px;
  padding-top: 20px;
  color: white;
  font-size: 1.7em;
  position: fixed;
  left: 0;
  right: 0;
  top: 65px;
  bottom: 0px;
  margin: auto;
}
```

2.4 General Information

General information is edited in `./src/assets/config.json`. We will have to edit the contact part:

```
"contacts": {
  "dev": [
    {
      "name": "Name Surname",
      "description": "Description",
      "email": "name.surname@amvara.de",
      "telephones": [
        "+34 612 34 56 78",
        "+34 619 87 65 43"
      ]
    }
  ]
},
```

NOTE: Description can have more than one line.

NOTE: If more telephones are needed, just add a comma behind the last one and add another number.

2.5 Footer

Left footer text, is composed by copyright and `appTitle`, located in the `config.json`.

```
"version": "1.24.0",
"language": "en",
"appTitle": "Code Is Poetry",
"scenario": "dev",
"delay": 0,
"delayRequests": 0,
"copyright": "AMVARA",
"corpinttraMode": false,
"heartbeat": 300000,
"license": "SFASR",
"ticketOptions": true,
"languageCodes": {
  "en": "English",
  "de": "Deutsch",
  "es": "Español",
  "cat": "Català"
},
```

Mid and right footer text, are edited in `./src/app/components/ux/footer/footer.component.html`:

```
<div routerLink="help" class="flexed copyright">
  <div class="footer">{{ (config$ | async).copyright }} &middot; {{ (config$ | async).appTitle }}</div>
</div>
<div class="flexed info">
  <div class="desktop">Code is Poetry</div>
  <div class="desktop">amvara-example@amvara.de</div>
  <div class="mobile">Confidential</div>
</div>
<div routerLink="about" class="flexed version">
  <div class="desktop execution_date">Execution Date: 15.02.2021 - 09:00h</div>
  <div>v{{ (config$ | async).version }} {{ (config$ | async).language | uppercase }}</div>
</div>
```

Inside `div` class `flexed`, is located the middle text, the text shown will depend if it is accessed from a desktop or a mobile. Then we have the `flexed version`, that display the execution date and the version of the dashboard.

2.6 Colors

Dashboard's colors, are edited in `./src/app/common/_colors.scss`.

```
// Main colors
$bg-color: rgb(0,22,40);
$semi-white: rgba(white, .85);
$semi-black-1: lighten($bg-color, 5);
$semi-black-2: lighten($bg-color, 8);
$header-box: $semi-black-1;
$content-box: $semi-black-2;

// Colors
$blue: #ef3340;
$grey: #d3d3d3;
$orange: rgb(247,174,21);
```

The color variables to edit in order to change dashboard colors are:

- `$bg-color`: Dashboard's background color.
- `$semi-white`: Dashboard's text color.
- `$blue`: Dashboard's colors for title and total numbers.
- `$grey`: General information telephone color.
- `$orange`: Will change percentage text color and general information link.

2.7 Chart Legend and colors

In order to change chart legend and colors, the file `config.json` must be edited. it is located in `./src/assets/config.json`

```
"colorScheme": [  
  {  
    "color": "#1e88e5",  
    "name": "Online"  
  },  
  {  
    "color": "#d32f2f",  
    "name": "Outlet"  
  },  
  {  
    "color": "#d3d3d3",  
    "name": "Retail"  
  },  
  {  
    "color": "#efb810",  
    "name": "Whitebrand"  
  }  
],
```

Colors are changed in "color" and legend names are changed in "name"

3 Introducing Data

The data insertion or edition is done by editing the file `Mobile_List_Chart.csv` (Located in `.src/assets/reports/`), it is mandatory to use the same name in the ticket type column inside the csv and in the colorscheme inside `config.json` (Located in `.src/assets/`). If not, when clicking in the bar chart, data will not be displayed correctly.

3.1 dashboardhelper.sh

Every time `Mobile_List_Chart.csv` is modified, it is important to execute `dashboardhelper.sh` (Located in `.scripts/`), this script will read the csv and will complete the other CSV files such as `Mobile_Tickets_Priority.csv` or `Mobile_Tickets_Service.csv`, among others. it is very simple to run the script, just open a terminal in `.scripts` folder and run `./dashboardhelper.sh -m`. For futher information, run `./dashboardhelper -h` or `./dashboardhelper --help`

3.2 Table Column Names

In order to change column names to your needs, edit “cell_header” in the language files inside `src/assets/i18n`.

```
"cell_header":{
  "ticketid":"SalesID",
  "create_date":"Create Date",
  "modify_date":"Modify Date",
  "ticket_type":"Sales Channel",
  "priority":"Size",
  "status":"Collection",
  "description":"Description",
  "external":"City",
  "classification":"Classification",
  "component":"Community",
  "servicegroup":"Clothes Type",
  "MonthID":"MonthID",
  "service_label":"Service Label",
  "ticket_count":"Ticket Count",
  "silt":"SILT"
}
```

4 Configure XHR

In order to configure XHR, “fullUrl” and “portalFolder” must be edited inside `config.json`. In **fullUrl** you have to specify the protocol and domain, for example:

“**https://www.yourdomain.com**”. In **portalFolder** you have to specify the route to the main page, for example: “**/your/route**”, this URL’s will be concatenated so the final url will be “**https://www.yourdomain.com/your/route**”.

Note: portalFolder can be empty if main page is located in “/”.

Note: It is important to be careful with “/” in fullUrl and portalFolder, for example, if fullUrl is “**https://www.yourdomain.com/**” and portalFolder is “**/your/route**” your final URL will be “**https://www.yourdomain.com//your/route**”. So you can specify it at the end of fullUrl or at the start of portalFolder, but not in both of them.

4.1 Configure IBM Cognos