The `Code` directory is structured as follows:

```
Code
|   Data
|   |   Global YouTube Statistics.csv
|   |   UpdatedData.csv
|   PCP.py
|   index.html
|   README.pdf
```

The `Data` directory has the file `Global YouTube Statistics.csv` which is exported from Tableau and has the `Channel Age (Days)` attribute created. The processed data is stored as `UpdatedData.csv` .

The `PCP.py` file is arranged as follows:

```
# Imports
import ...
# Filter only the columns that are required
columns_to_keep = [...]
# The top 7 Countries are chosen
contries_to_keep = ...
# Conditions are created for filtering rows
condition_1 = ...
condition_2 = ...
# The filtration is done and Category and Country
# columns are label encoded
le_category = LabelEncoder()
df['category'] = le_category.fit_transform(df['category']) + 1

le_country = LabelEncoder()
df['Country'] = le_country.fit_transform(df['Country']) + 1

# Save the updated file
df[:].to_csv('Data/UpdatedData.csv', index=False)
```

The script in `index.html` file is structured as follows:

```
// Import the data
Plotly.d3.csv('./UpdatedData.csv', function(error, csvData) {
    // Get the axis names
    var dimesnions = ...

    //  Get the trace
    var trace = {
        type: 'parcoords',
        // Define the properties of the lines eg color
        line: {

        },
        // Define all the attributes and load the relevant data
        dimensions: {

        }
    };

    var layout = {
        title: 'Global YouTube Statistics Parallel Coordinates Plot',
    };

    Plotly.newPlot('parallel-coordinates-plot', [trace], layout);
})
```

Next, the VS Code live server extension can be used to locally host the page and view it on the browser on `http://127.0.0.1:5500/PCP/index.html` .