**React: Data Massaging**

React – Data Massaging

The following exercise contains the following subjects:

* useState
* Props
* Data massaging

**Instructions**

We created the same data massaging exercise in vanilla

Javascript. This time we will implement it in React.

Create a file called data.js put our data array inside it and export it to our relevant component.

This is our data (next page):

| **const** data = [  {  name: "John",  birthday: "1-1-1995",  favoriteFoods: {  meats: ["hamburgers", "sausages"],  fish: ["salmon", "pike"],  },  },  {  name: "Mark",  birthday: "10-5-1980",  favoriteFoods: {  meats: ["hamburgers", "steak", "lamb"],  fish: ["tuna", "salmon", "barracuda"],  },  },  {  name: "Mary",  birthday: "1-10-1977",  favoriteFoods: {  meats: ["ham", "chicken"],  fish: ["pike"],  },  },  {  name: "Thomas",  birthday: "1-10-1990",  favoriteFoods: {  meats: ["bird", "rooster"],  fish: ["salmon"],  },  },  {  name: "Mary",  birthday: "1-10-1977",  favoriteFoods: {  meats: ["hamburgers", "lamb"],  fish: ["anchovies", "tuna"],  },  }, ]; |
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1. Export the data array to the relevant component.
2. Create utility functions that will massage the data.

* Create a function that returns an array of all the names from the object.
* Create a function that returns all the objects that are born before 1990.

1. Save the modified data to the state.
2. Create a Name component that you will pass via props the names and print them on the screen.
3. Create a Card component that you will pass via props the objects before 1990 and print them on the screen.

* which includes their name, birthday, favorite meats, and favorite fish foods.