

The image shows a network diagram with nodes and edges overlaid on a Java code snippet. The nodes are colored yellow, orange, red, and purple. The edges are thin lines connecting the nodes. The code is as follows:

```
public static float arrayAverage(int[] numbers) {  
    int count = 0;  
    int sum = 0;  
    while (count < numbers.length) {  
        sum = sum + numbers[count];  
        count = count + 1;  
    }  
    float average = sum / (float) count;  
    return average;  
}
```

The diagram consists of approximately 15 nodes. Yellow nodes are located at the top left and top right. Orange nodes are scattered in the middle. Red nodes are at the bottom left. Purple nodes form a horizontal line at the bottom and are also scattered in the upper middle. Edges connect nodes of various colors, including yellow-to-yellow, yellow-to-orange, orange-to-orange, orange-to-red, orange-to-purple, red-to-purple, and purple-to-purple connections.