

The image shows a network diagram with nodes and edges overlaid on a Java code snippet. The nodes are represented by semi-transparent circles in various colors: purple, yellow, red, orange, and grey. The edges are thin lines connecting these nodes, with colors ranging from purple to orange. 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;  
}
```