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Create dashboard

The screenshot shows a code editor with a dark theme. The active tab is 'page.tsx .../dashboard'. The code defines a 'Rumah' type and a 'DashboardPage' function. The 'DashboardPage' function uses the 'useEffect' hook to fetch data from '/api/estimate', set it in state, and calculate total, average, maximum, and minimum prices. It then returns a main container with three cards displaying these statistics.

```
1 "use client";
2
3 import { useEffect, useState } from "react";
4
5 type Rumah = {
6   id: number;
7   houseSize: number;
8   price: number;
9 };
10
11 export default function DashboardPage() {
12   const [data, setData] = useState<Rumah[]>([]);
13
14   useEffect(() => {
15     (async () => {
16       const res = await fetch("/api/estimate");
17       const json = await res.json();
18       setData(json.rumah);
19     })();
20   }, []);
21
22   const total = data.length;
23   const avg =
24     total > 0
25     ? Math.round(data.reduce((a, b) => a + b.price, 0) / total)
26     : 0;
27   const max = total > 0 ? Math.max(...data.map((d) => d.price)) : 0;
28   const min = total > 0 ? Math.min(...data.map((d) => d.price)) : 0;
29
30   return (
31     <main style={styles.container}>
32       <h1 style={styles.title}>Dashboard</h1>
33
34       <div style={styles.grid}>
35         <div style={styles.card}>
36           <span>Total Data</span>
37           <b>{total}</b>
38         </div>
39
40         <div style={styles.card}>
41           <span>Average Price</span>
42           <b>{avg}</b>
43         </div>
44
45         <div style={styles.card}>
46           <span>Highest Price</span>
47           <b>{max}</b>
48         </div>
49
50         <div style={styles.card}>
51           <span>Lowest Price</span>
52           <b>{min}</b>
53         </div>
54       </div>
55     </main>
56   );
57 }
58
```

The screenshot shows the same code editor with the code refactored. The 'DashboardPage' function now returns a single large card containing all the calculated statistics. The individual card components have been removed.

```
11 export default function DashboardPage() {
38
39
40   <div style={styles.card}>
41     <span>Average Price</span>
42     <b>{avg}</b>
43   </div>
44
45   <div style={styles.card}>
46     <span>Highest Price</span>
47     <b>{max}</b>
48   </div>
49
50   <div style={styles.card}>
51     <span>Lowest Price</span>
52     <b>{min}</b>
53   </div>
54
55   </div>
56 }
57
```

