LinkedIn

Concurrency

Agenda

- Kickoff and quick poll
- Copilot 101: What it is and why it matters
- How teams use GitHub Copilot
- Hands-On Workshop – Lets build with Copilot
- Measuring Impact with Metrics Viewer & GitHub API
- Plan your team's adoption
- Key takeaways and next steps

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The Numbers

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50,000+ organizations adopted Copilot

55% faster code delivery

85% of developers feel more confident in their code quality

52% of employees seeing a positive impact on the quality of their work

31% reporting less cognitive fatigue

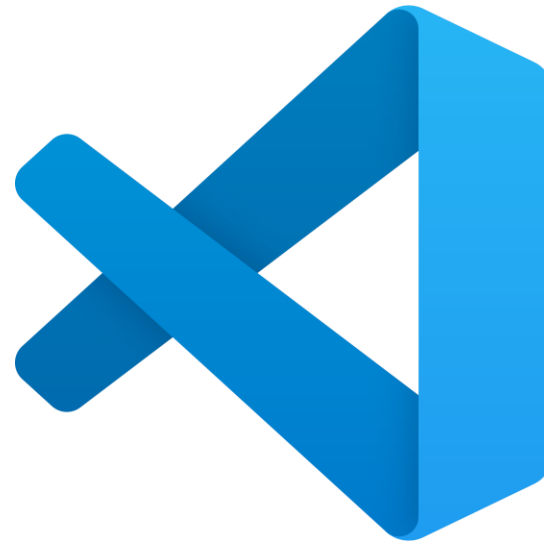**95% of developers reporting they enjoyed coding more**

Show of hands…

Concurrency

Never used it

Dabbled for personal use

Actively developing with Copilot

Have delivered solutions with Copilot

Meet GitHub Copilot

```js
JS test.js   1 ●

JS test.js > ⬡ calculateDaysBetweenDates
  1    function calculateDaysBetweenDates(begin, end) {
            var beginDate = new Date(begin);
            var endDate = new Date(end);
            var days = Math.round((endDate - beginDate) / (1000 * 60 * 60 * 24));
            return days;
        }
  2
```

```typescript
1    // create a class in TypeScript to represent a student that has a name, an id, and a list of courses
2    // the class should have method to add and remove a course to the list of courses
3
4    class Student {
       name: string;
       id: number;
       courses: string[];

       constructor(name: string, id: number, courses: string[]) {
         this.name = name;
         this.id = id;
         this.courses = courses;
       }

       addCourse(course: string) {
         this.courses.push(course);
       }

       removeCourse(course: string) {
         this.courses = this.courses.filter((c) => c !== course);
       }
    }
```

Meet GitHub Copilot

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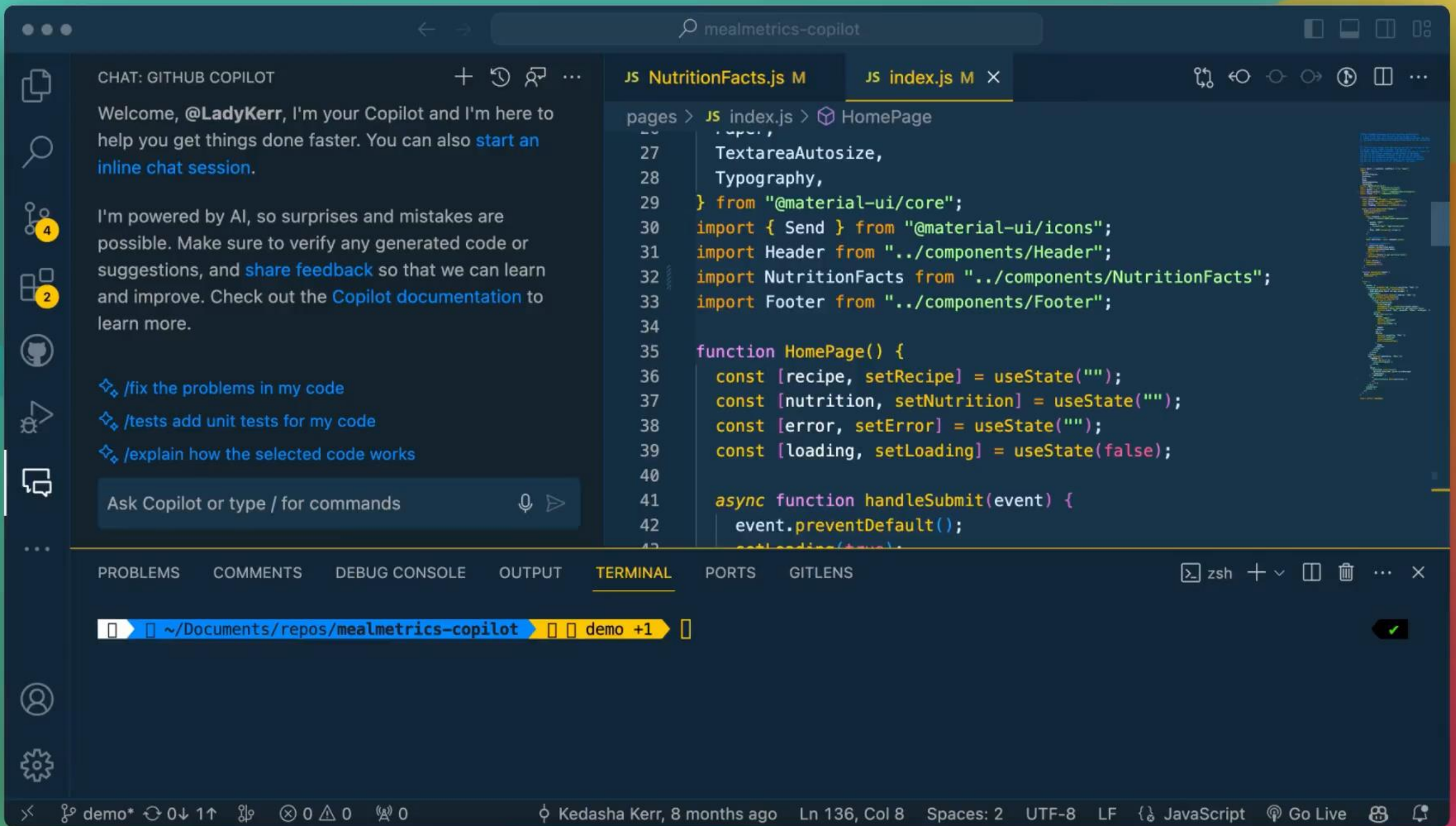
- GitHub Copilot is your AI development assistant. It is the new and improved coding rubber ducky.

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7

What are your concerns?

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How Teams Use It

```js
import React from "react";
import { Typography, Paper } from "@material-ui/core";


function Nutritionfacts({ data }) {          You, last week • Add generateInfo functio
    if (typeof data !== "string") {
        return null;
    }


    const nutritionFacts = data.split(/\n\n|\n/);

    return (
        <>
        <Paper elevation={24} style={{ padding: "20px" }}>
            {nutritionFacts.map((fact, index) => (
                <Typography key={index}>{fact}</Typography>
            ))}
        </Paper>
        </>
    );
}
```

EXPLORER

JS theme.js   JS NutritionFacts.js M ✕

components > JS NutritionFacts.js > ⬡ Nutritionfacts
You, 1 second ago | 1 author (You)

MEALMETRICS-COPILOT
> .devcontainer
> .next
> .vscode
∨ components
  JS Footer.js
  JS Header.js
  JS NutritionFacts.js   M
  JS NutritionFacts.test.js
> node_modules
∨ pages
  > api
  JS _app.js
  JS index.js
> public
> styles
∨ utils

> OUTLINE
> TIMELINE

PROBLEMS   COMMENTS   DEBUG CONSOLE   OUTPUT   TERMINAL   PORTS   GITLENS   zsh

~/Documents/repos/mealmetrics-copilot   demo +1

demo* 0↓ 1↑   ⊗ 0 ⚠ 0   0   You, last week   Ln 5, Col 1   Spaces: 4   UTF-8   LF   JavaScript   Go Live

EXPLORER

JS index.js M ✕   JS _app.js

∨ MEALMETRICS-COPILOT

pages > JS index.js > ⬡ HomePage

JS Footer.js

JS Header.js

JS NutritionFacts.js

JS NutritionFacts.test.js

> node_modules

∨ pages

> api

JS _app.js

JS index.js   M

> public

> styles

> OUTLINE

> TIMELINE

```js
29    } from "@material-ui/core";
30    import { Send } from "@material-ui/icons";
31    import Header from "../components/Header";
32    import NutritionFacts from "../components/NutritionFacts";
33    // import Footer from "../components/Footer";
34
35    function HomePage() {          Kedasha Kerr, 8 months ago • update import error + read
36      const [recipe, setRecipe] = useState("");
37      const [nutrition, setNutrition] = useState("");
38      const [error, setError] = useState("");
39      const [loading, setLoading] = useState(false);
40
41      async function handleSubmit(event) {
42        event.preventDefault();
43        setLoading(true);
```

PROBLEMS   COMMENTS   DEBUG CONSOLE   OUTPUT   TERMINAL   PORTS   GITLENS

zsh

 ~/Doc/re/mealmetrics-copilot   demo ↑2 !1   ✓ 55s

demo* ⟳ 0↓ 2↑   ⊗ 0 ⚠ 0   0   Kedasha Kerr, 8 months ago   Ln 35, Col 21   Spaces: 2   UTF-8   LF   {} JavaScript   Go Live
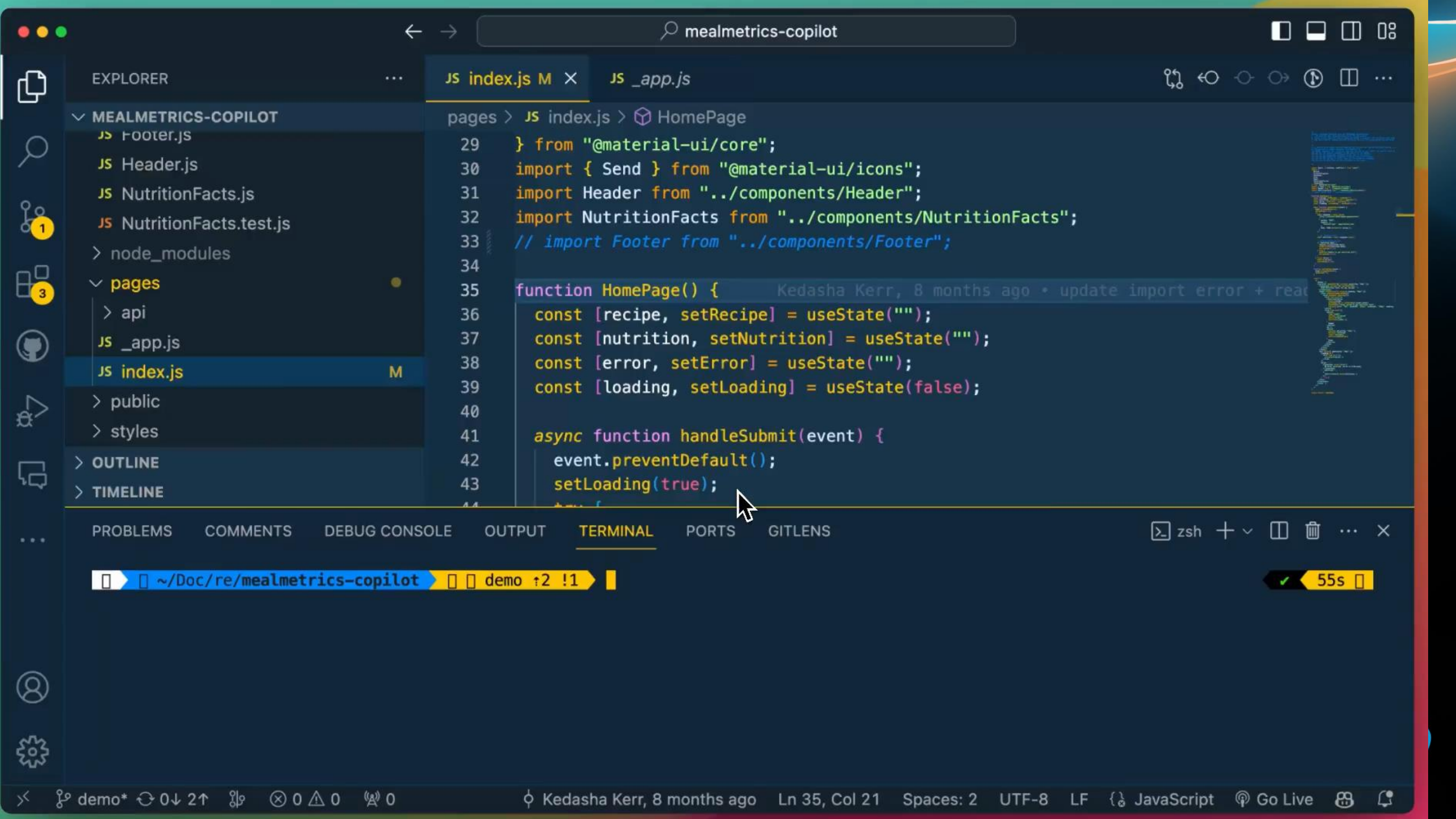
Lets Build With Copilot

Measuring Impact with Metrics Viewer & GitHub API

Prove It Works

- Without the ability to see how Copilot is being used in your company it becomes just another novelty that you forget within a few months.

Our questions

- Who is using it
- What are they using it for
- How often are they using it
- How often is it helping
- How do we use it better

The answer

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Dive Into Metrics Viewer

Next Steps

- **GitHub Copilot Metrics Discovery Session –** Spend 30 minutes with our presenter to explore key performance metrics to track AI-driven efficiencies, optimize workflows, and drive continuous development improvements.

- **Bring the Event to You!** - We will present any topic/topics from our event at your organization.

Milwaukee AI Momentum Summit