**📘 Understanding PurePath® and Smartscape in Dynatrace**

In Dynatrace, **PurePath®** helps you **trace the full journey of a user request** across your system – from the moment a user clicks a button on your website to the moment it completes in the backend, including APIs, microservices, databases, and third-party systems.

**👨‍💻 Example Scenario:**

Imagine a user clicks “Add to Cart” on an e-commerce site:

* The **frontend** processes this action.
* The request is passed to the **Cart Service** and **Checkout Service**.
* These services interact with a **PostgreSQL database** (OLTP).
* Finally, a **payment provider** processes the transaction.

With **PurePath®**, Dynatrace:

* Breaks this user action into **individual traces**.
* Shows how long each step took.
* Highlights **dependencies and bottlenecks**.
* Offers **code-level visibility** into each operation.

**🌐 What is Smartscape?**

**Smartscape** is Dynatrace’s real-time **topology visualization**. It shows how services, processes, and hosts are connected, updating continuously as your environment changes.

It helps you answer:

* How did this request travel through the system?
* Which services were involved?
* Where did it slow down?

**🤖 Enter Davis® – Dynatrace AI Assistant**

Davis® is Dynatrace’s **AI engine** that:

* Automatically analyzes data from PurePath and Smartscape.
* Detects **anomalies**, slowdowns, and **performance issues**.
* Gives you **smart suggestions** on what went wrong and how to fix it.

**✅ Summary:**

* **PurePath®** = Request-level tracing across systems and code.
* **Smartscape** = Real-time map of your environment.
* **Davis®** = AI that interprets everything and gives insights.

This trio provides **deep observability**, letting you find and fix issues **quickly and efficiently**, even in complex, microservices-based systems.

Let me know if you want this converted into slides or visual notes!