Subject: Re: Catching Up & Exploring AI Tooling

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Hi Emily,

Great—thanks for confirming Tuesday, May 6 at 3:00 PM PST. I’ve scheduled a Zoom invite (link below) and look forward to our discussion. In preparation, I’m sharing a few resources:

1. Traffic-Weighted Heuristics

- I’ve attached a short whitepaper summarizing our dynamic-cost approach, including pseudocode for on-the-fly weight adjustments based on real-time traffic.

2. SageMaker Pipelines Templates

- You’ll find a ZIP of our CI/CD pipeline definitions and a README with notes on artifact versioning and rollback strategies.

3. AWS AppSync Architecture

- See the attached diagram outlining a scalable Pub/Sub pattern using AppSync subscriptions, DynamoDB streams, and Lambda resolvers. I’ve also included best-practice tips for optimizing connection throttling.

4. Brown-Bag Session Details

- We’re hosting our “Stream vs. Batch Processing” brown-bag on Thursday, May 15 at 11:00 AM PST. I’ve cc’d the calendar invite—feel free to add your slide deck and send any questions ahead of time.

5. Bedrock & CodeWhisperer Samples

- In the “AI\_Tooling\_Examples” folder, you’ll find:

- Prompt templates for auto-generating Lambda functions with Bedrock.

- A sample CodeWhisperer security scan report illustrating dependency alerts and mitigation steps.

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Zoom Meeting Details

Date: Tuesday, May 6, 2025

Time: 3:00 PM PST (UTC−07:00)

Link: https://zoom.us/j/1234567890

Let me know if you have any trouble accessing the attachments or the meeting link. Otherwise, I’ll see you next Tuesday!

Cheers,

Luke Anderson

Software Development Engineer, Amazon

luke.anderson@amazon.com

(206) 555-0123