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1:40 PM – 2:00 PM

***Meshing About with Databricks for Data Sharing***

**Zafer Bilaloglu**

Senior Solutions Architect & Field Engineering Lead for Cybersecurity Go-To-Market  
Databricks

**Lisa Marcus**

Lead, DoD Efforts  
Databricks

Abstract:

The U.S. Department of Defense and the Navy have spent enormous amounts of time creating new sensors, algorithms, and hardware to support the next generation of warfighting. These capabilities excessively increase the complexity of interconnectivity due to siloed and disparate data. Leveraging these innovations has broad and significant implications regarding maintaining military advantages, technical superiority, and decision at mission speed.

Dept of the Navy's Tom Sasala, DON CDO, states "The vision is to create an environment where our IT and non-IT services come together to efficiently manage and utilize the data we have and continue to collect." Data Mesh is an emerging architecture to achieve these data and analytic aspirations and further embrace distributed ecosystems built around business domains. The data mesh architecture paradigm forms the base of what enterprises are looking to adopt to realize this vision. It proposes that distributed autonomous domains leverage self-serve data infrastructure as a platform to enable their work of creating and maintaining shareable data products.

Databricks is often used enable data sharing and implement a Data Mesh across an enterprise. This session will include discussion and demonstration of:

- Onboarding Data Teams
- Discovering data products and their lineage
- How to publish data products and set governance policies
- Data access within and across the enterprise
- Sharing analysis