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Get Started Real-Time Analytics with Microsoft Fabric

One possible interpretation could be Microsoft Azure Stream Analytics, which is a cloud-based real-time analytics service. If you are referring to a different product released after my last update, I recommend checking Microsoft's official documentation for the most up-to-date information.



Assuming you are interested in Azure Stream Analytics or a similar service, here's a general guide on getting started with real-time analytics using Microsoft Azure:

- 1. Azure Portal:Log in to the [Azure portal](https://portal.azure.com/).
- 2. Create an Azure Stream Analytics Job: In the Azure portal, navigate to "Create a resource" > "Analytics" > "Stream Analytics job." Fill in the required information like job name, resource group, and region. <u>Microsoft Fabric Training</u>
- 3. Define Inputs: Once the job is created, go to the newly created Stream Analytics job. Define input sources. This could be Azure Event Hubs, IoT Hub, Azure Blob Storage, etc. Specify the schema of your input data.

- 4. Define Outputs: Define the output where you want to send the processed data.

 This could be another Azure service, database, or storage.
- 5. Query Language: Azure Stream Analytics uses a SQL-like query language for realtime data processing. Write queries to filter, aggregate, and transform your data.
- 6. Start the Job: Start the Stream Analytics job to begin processing real-time data.

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- 7. Monitoring and Debugging: Utilize Azure Monitor to track the performance of your Stream Analytics job. Use the Azure Stream Analytics Query Diagnostics feature to debug and optimize your queries.
- 8. Integrate with Other Azure Services: Explore integration possibilities with other Azure services for a comprehensive solution. For example, you might want to store processed data in Azure SQL Database or visualize it using Power Bl. Microsoft Fabric Online Training
- 9. Scale and Optimize: Depending on your workload, you may need to scale your Stream Analytics job. Adjust the number of streaming units based on the processing demands. Microsoft Fabric Training In Hyderabad
- 10. Explore Advanced Features: Azure Stream Analytics has features like temporal and spatial analytics. Explore these advanced features based on your use case.

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Remember to check the official [Azure Stream Analytics documentation] (https://docs.microsoft.com/en-us/azure/stream-analytics/stream-analytics-introduction) for the latest and most detailed information.

If you were referring to a different Microsoft product or service, please provide additional details so I can offer more accurate guidance.

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