AI/ML
In Mobile Media Services

Member's work in more detail...

5g-mag.com/technology

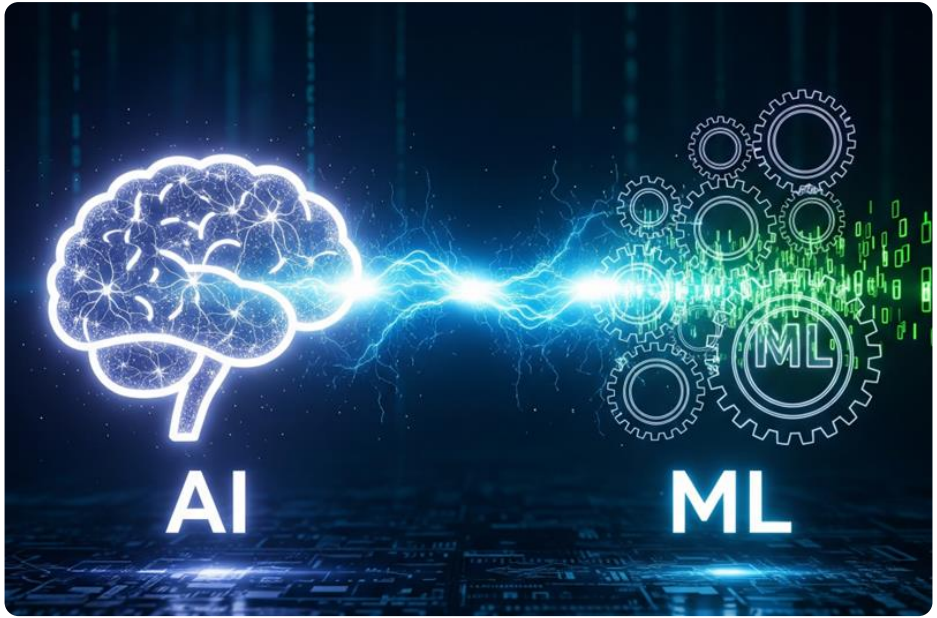
Artificial Intelligence & Machine Learning in 5G Media Services

Overview of the work, outcomes, Execution Plan and Technical Resources

What is this project about?

The 3GPP FS_AI4Media (Feasibility Study on Artificial Intelligence and Machine Learning for Media) in 3GPP explores how **AI/ML can be integrated into 5G media** services. The study identifies three core operations that require the exchange of AI/ML and media data over a 5G system:

- **AI/ML Model/Data Distribution**: This involves sending AI/ML models from a network endpoint to a user device (UE) as needed.
- **AI/ML Operation Splitting**: This involves dividing an AI/ML task between a UE and a network endpoint
- **Distributed/Federated Learning**: This is a collaborative process where multiple UEs train a single global model



WHERE TO LOOK AT?

Check the Execution Plan
All the Technical Resources
Information on Standards
Reference Tools available:

- Project: AI & ML Evaluation Framework

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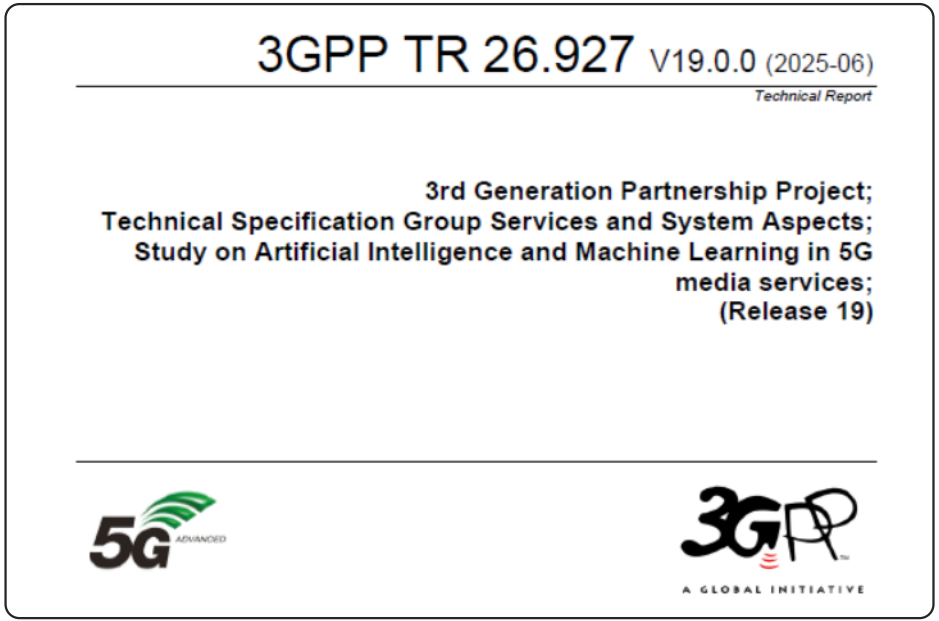
What are the members doing?

Standards

- 3GPP and MPEG Standardization tracker and relevant Work Items

Software

- Implementation of evaluation framework with datasets, reference AI/ML models, evaluation scripts per scenario,
- Dockerfiles used to create a container image, allowing users to instantiate the evaluation environment as a Docker container



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