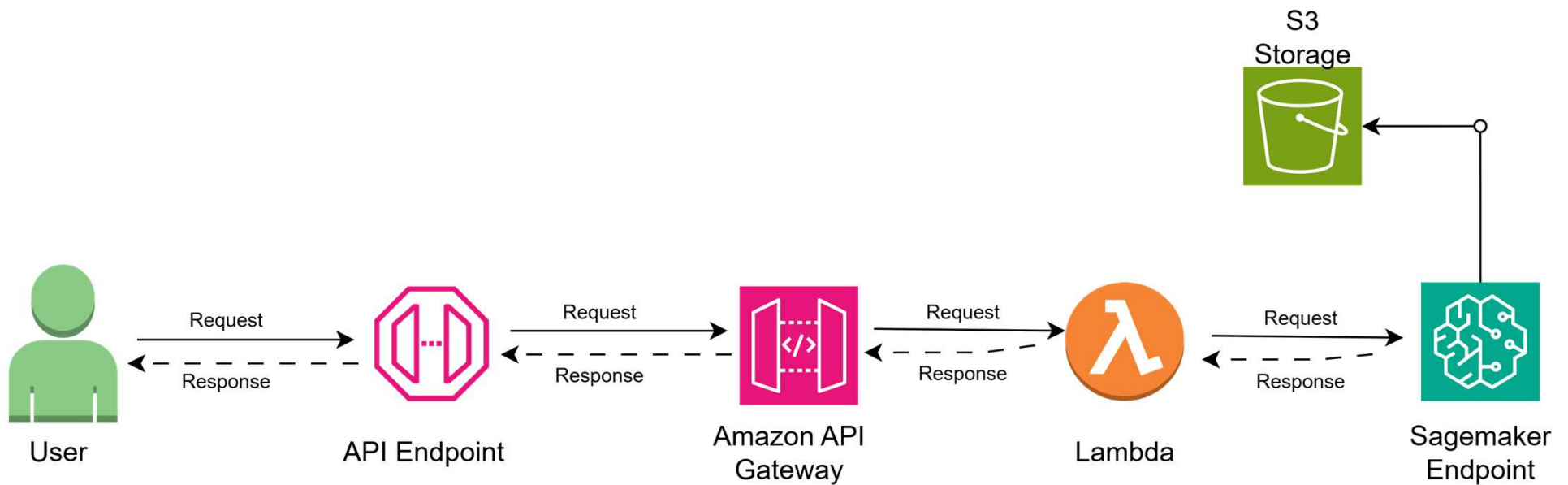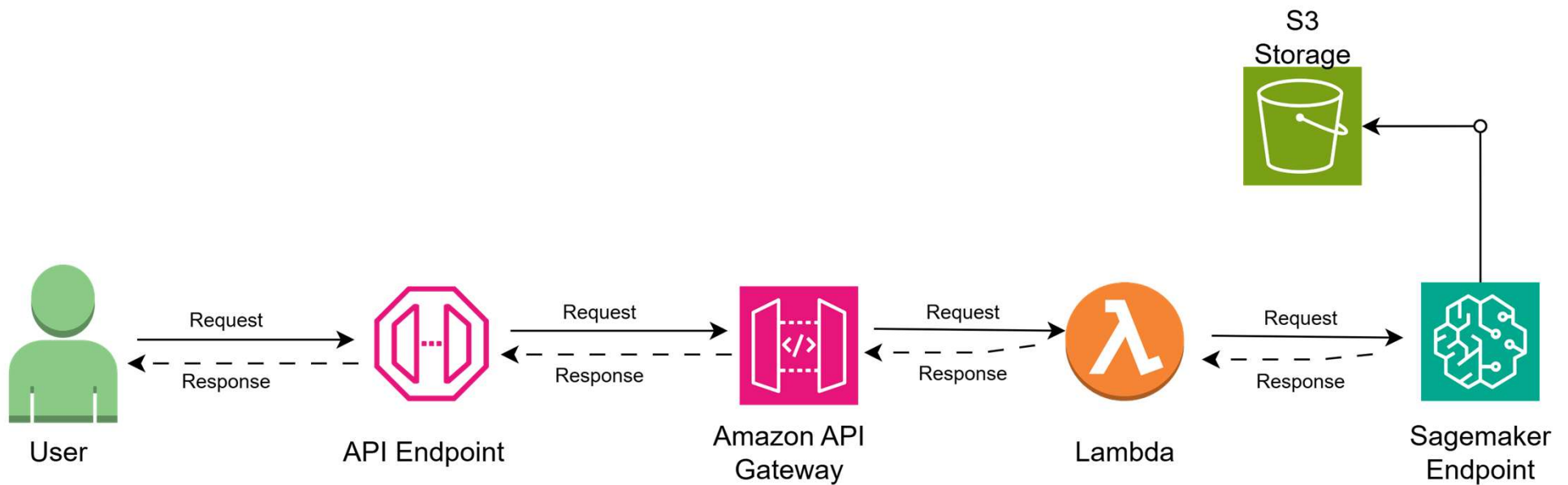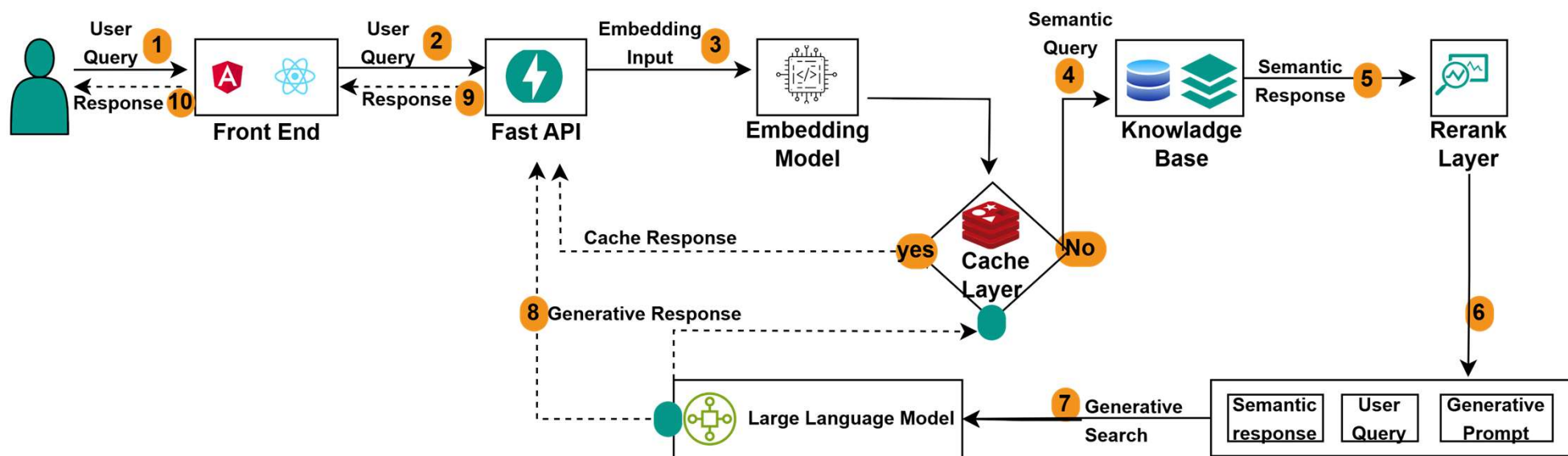# ML Request/Response Flow

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ML Request/Response Flow
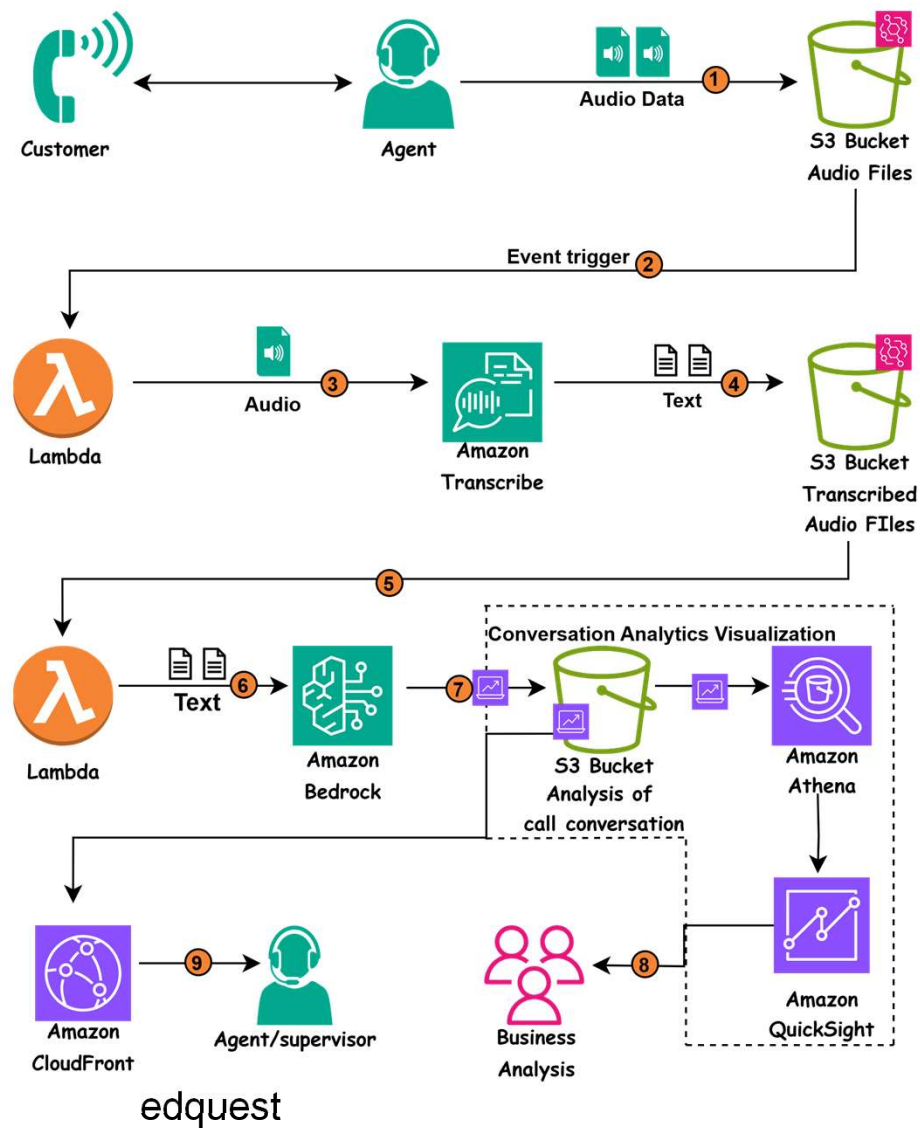

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RAG Based Application Architecture

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Post Call Analysis Design

End-to-End ML model Lifecycle Pipeline

CI/CD

②

CI/CD
Run Model
Training
Pipeline

③

Model Training Pipeline

Processing Job
(Data Pre-Processing)

Training Job
(Train Model)

Post-Processing Job
(Evaluate Model)

Register Model

④

ECR Registry

Data Scientist

①

Sagemaker Studio Domain

Model Approval (Mannual / Automated)

⑤

Pre-Prod

⑥

Prod

Sagemaker Endpoint

Inferenced Output

Lambda

Amazon API Gateway

API Endpoint

Sagemaker Endpoint

Lambda

Amazon API Gateway

API Endpoint

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