Integration Points

Frontend — REST API — API Gateway — gRPC — ML Service — Data Access — Database — SQL — API Gateway

Frontend

API Gateway

ML Service

Database
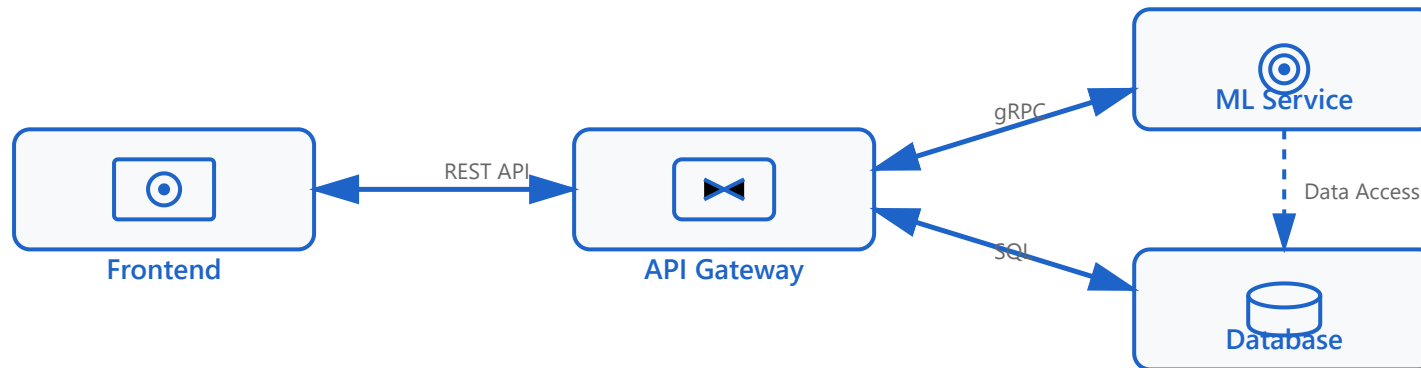
System Integration Map

- Frontend ↔ API Gateway
- API Gateway ↔ ML Service
- ML Service ↔ Database

API Design

- RESTful API Endpoints
- Request/Response Format
- Error Handling Strategy

Interface Definition

- Data Exchange Format (JSON)
- Authentication and Authorization

Integration Testing

- End-to-End Testing
- Performance Testing

- Version Management Strategy

- Load Testing