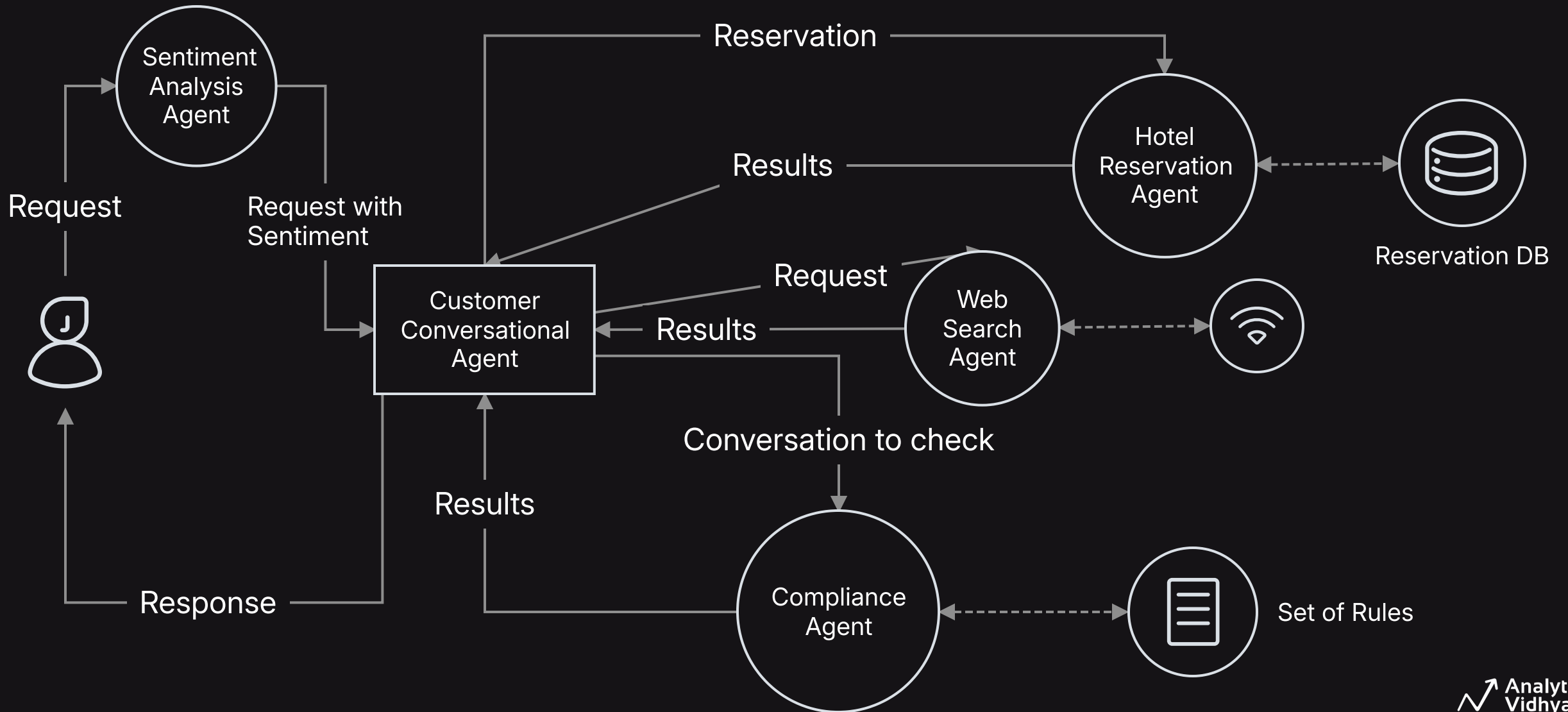# Adding Advanced Agents (Optional Extensions) - MultiLanguage

Dr. Vasilii Ganishev
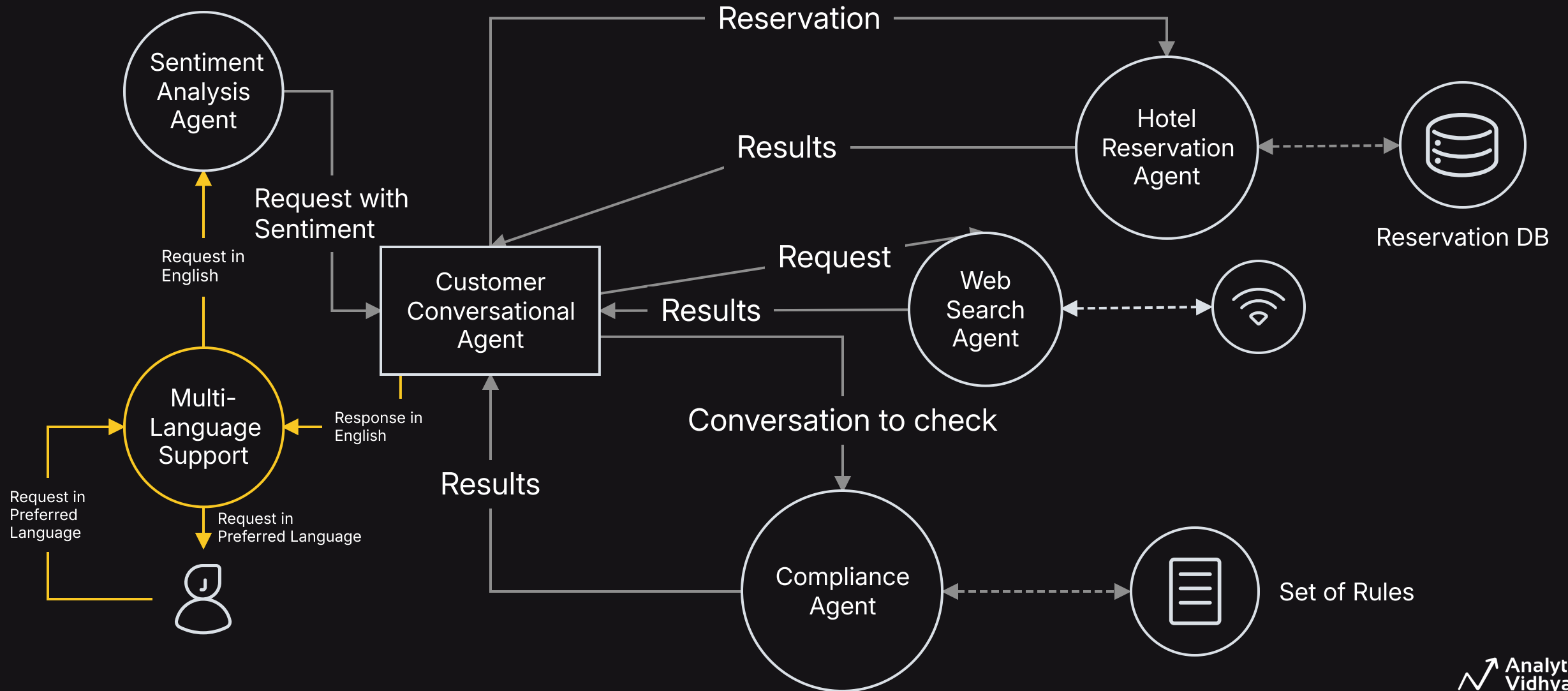
Lead Data Scientist
Automotive Industry, Germany
AI Expert

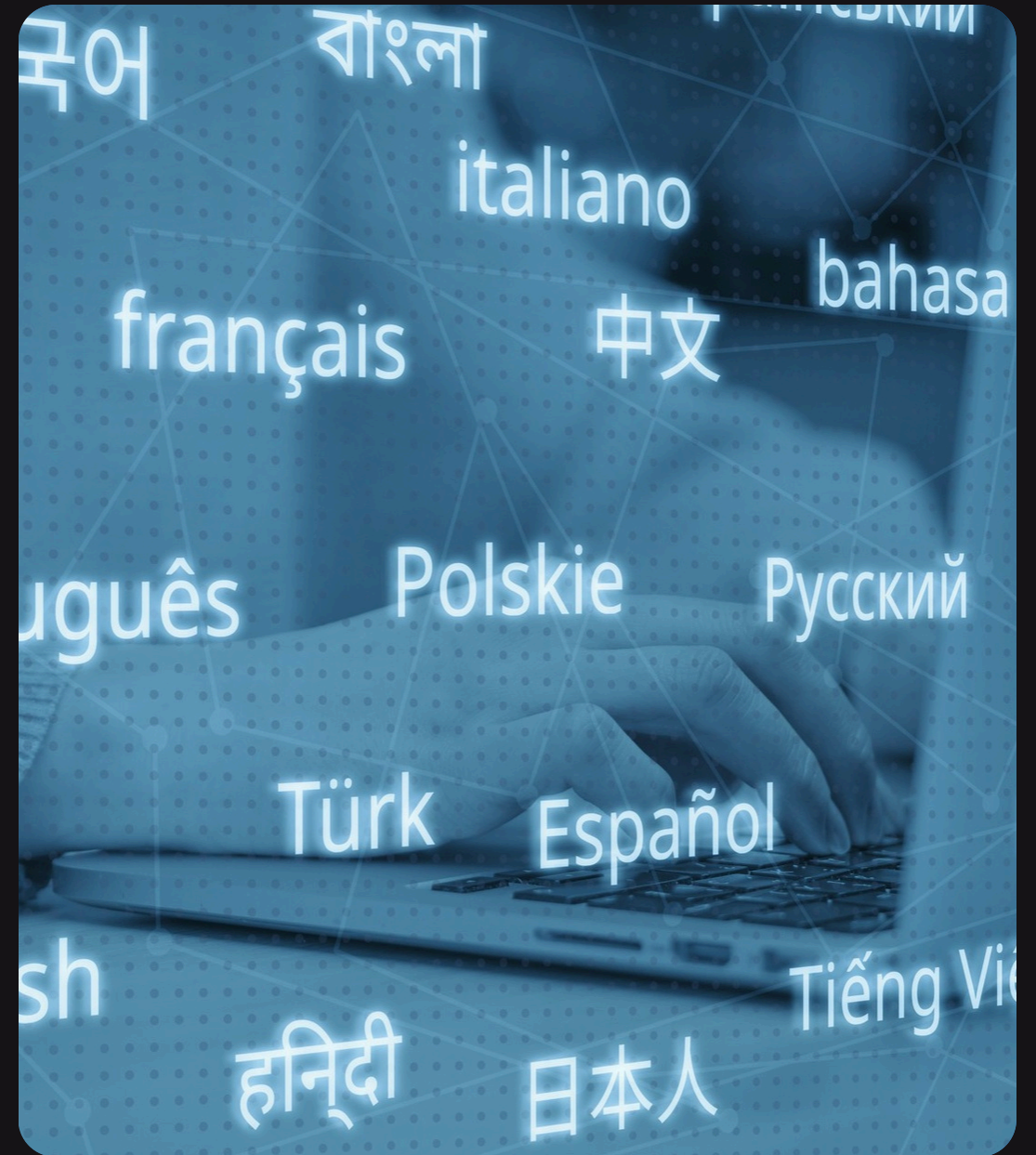# Architecture So Far...

# Next Step

# Multilanguage Support

- General-purpose LLMs may struggle with **domain-specific translations.**

- **Specialized Translation Models**
  - Outperform generic LLMs in **accuracy and context understanding.**
  - Enables **customized translations** for specific use cases.

# Benefits of Multilanguage Support

- Personalization

- Increased satisfaction



Analytics Vidhya

# Specialized Translation Models

- General purpose vs. Language-Pairs

- Language detection

- Most common: MarianMT, Hugging Face, DeepL API

# Hands-on

Let's add the multilanguage agent...