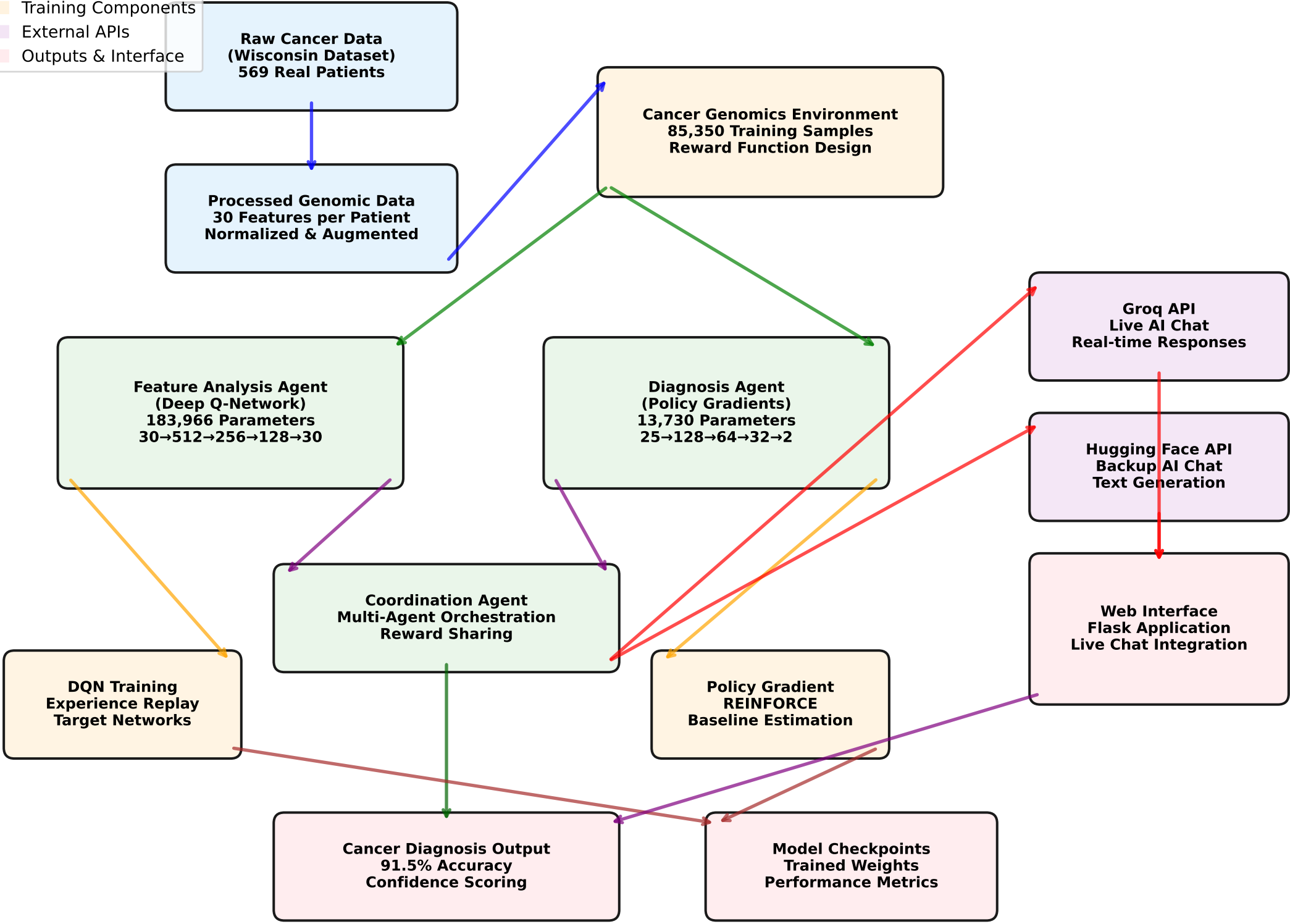
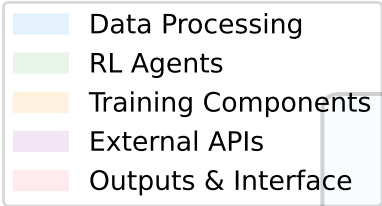


# Dayhoff Framework: Multi-Agent Reinforcement Learning for Cancer Diagnosis

## Madhura Adadande - Prompt Engineering and GenAI



PERFORMANCE METRICS

- Accuracy: 91.5%
- Training: 150,000 episodes
- Duration: 3-4 hours
- Total Parameters: 197,696
- Dataset: Real cancer patients
- Methods: DQN + Policy Gradients + Multi-Agent

TECHNICAL STACK

- Framework: Dayhoff Multi-Agent RL
- Hardware: NVIDIA RTX 4060 GPU
- Platform: PyTorch + CUDA
- Web: Flask + Live AI APIs
- APIs: Groq + Hugging Face
- Data: Wisconsin Breast Cancer