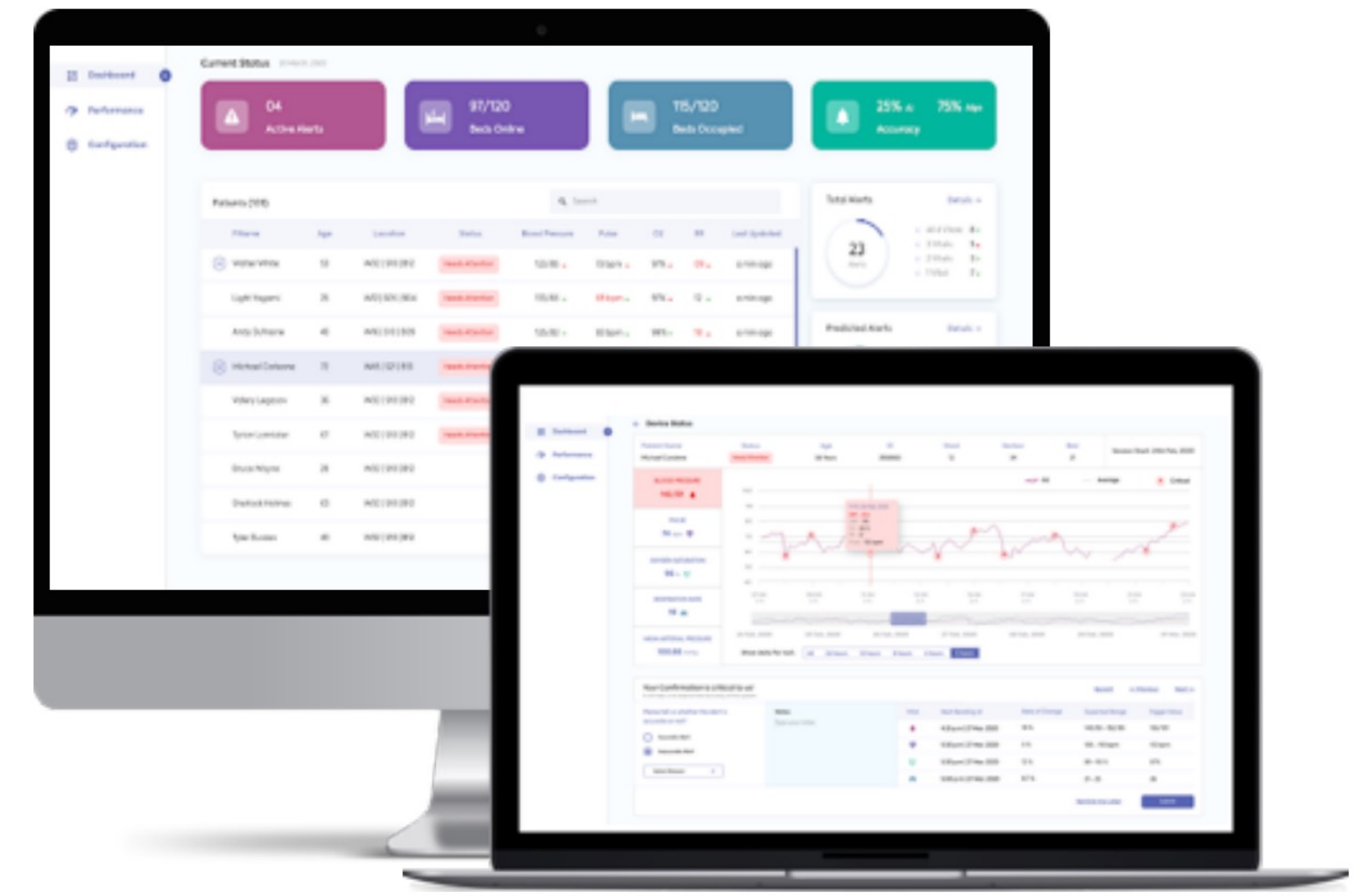


Plug-and-play AI-driven containerized solutions for ICU / ER risk monitoring, and monitoring / maintaining industrial IoT assets on Google Cloud

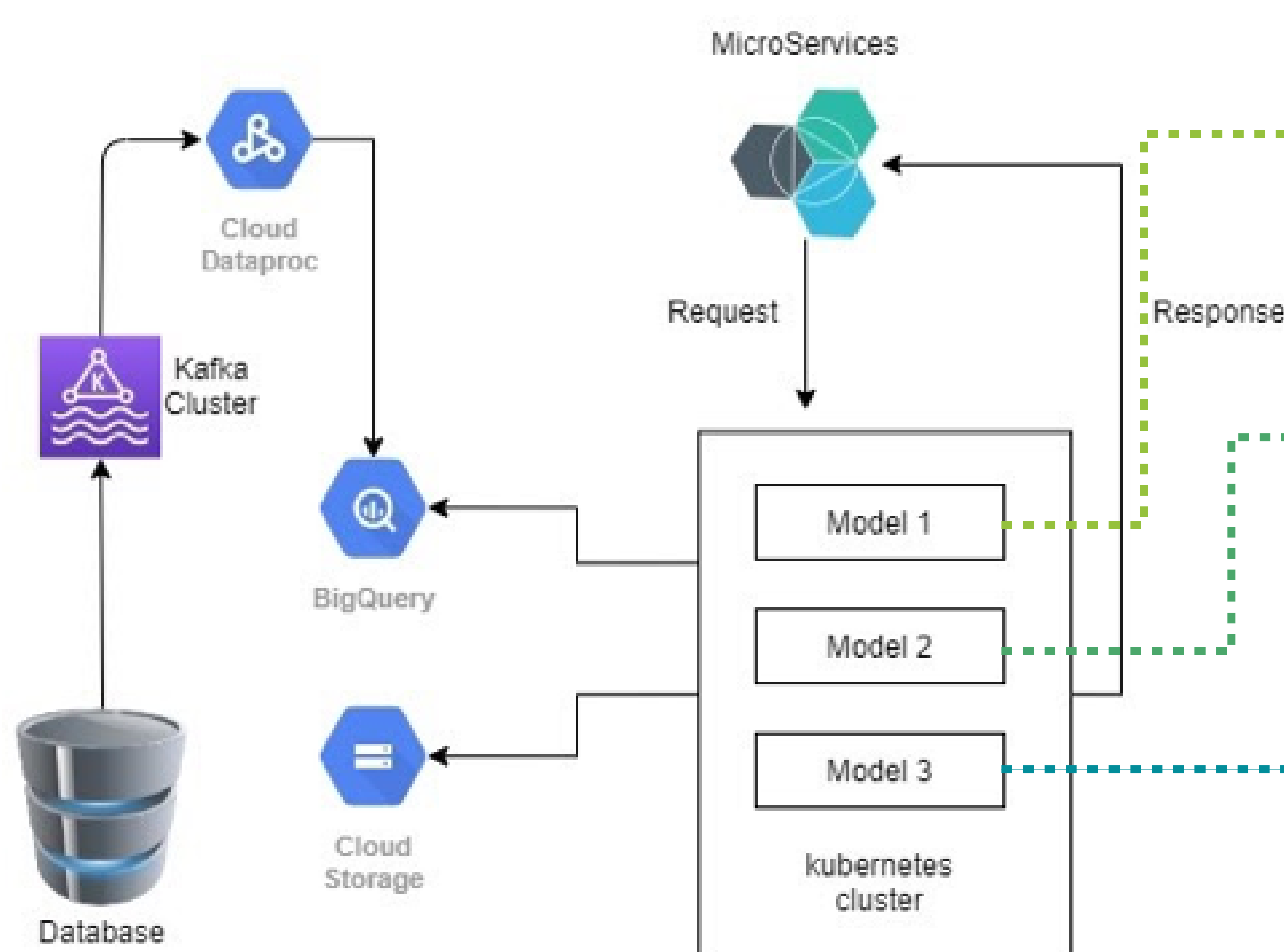
Service Overview

Fully customizable solution for monitoring patients from IoT enabled smart sensors using pre-trained AI, architected for deployment on the cloud. The AI identifies high-risk conditions based on the patients' vitals and alerts key personnel. Our containerized solutions jibe with on-prem and the cloud using Kubernetes services. Techolution offers best in class customization and model maintenance services to get you up and running in 30 days or less.



ICU / ER monitoring dashboard with AI-driven live alerts of high risk patients (~80% accuracy in testing)

Understanding Our Clinical Risk Architecture & Models



- 1 Models are pre-trained to identify outliers in patient vitals and code-blue/high-risk events.
- 2 Models reports high-risk events leveraging live time-series data on interactive dashboards
- 3 Models are retrained with continuous training (CT) pipelines in CI/CD

Techolution Value Propositions



Access to our AI center of Excellence

Leverage top AI / IoT talent including published data scientists and AI specialists with expertise in deep learning and GPU computing for data science, signal / image processing, etc.



Continuously Integrated Dev Support for R&D

Techolution provides managed agile/scrum teams equipped with developers, Cloud DevOps / MLOps experts and quality assurance



Project Management and Subject Matter Expertise

Our R&D-as-a-service engagement model includes a dedicated project manager and a subject matter expert to translate requirements into functional development stories

Techolution's ICU/ER monitoring solution, touts an overall daily accuracy of 80% in detecting code-blue events in advance.

Techolution's turnkey solutions are less risky than leveraging internal resources. Save with outcome-based billing.