**AI Solution Relevance to the Theme**

The **AI Stroke Shield** solution directly addresses the theme of using Artificial Intelligence to improve healthcare in local communities. By applying machine learning, the system predicts the likelihood of a stroke based on various health and lifestyle factors, such as age, BMI, glucose levels, and smoking habits. This is particularly important in South African clinics, where early diagnostic tools are often limited. The solution takes a proactive approach, identifying high-risk patients before any symptoms arise. Early detection enables healthcare professionals to make quicker, more informed decisions, ensuring that resources are used efficiently. As a result, **AI Stroke Shield** improves healthcare accessibility and contributes to better overall community health.