



Smart Analytics for Smarter Healthcare

Ing. Jozef Benčík
SAS Slovakia



....used by **1,350** healthcare customers in
approximately **40** countries...

...**87%** of healthcare companies in
the Fortune 500 rely on SAS...

...including **1,114** health systems...

...and **238** payers (insurers, government,
regulatory agencies)...

SAS Focus in Healthcare



Health and Life sciences



Health Care Providers



Health Insurance



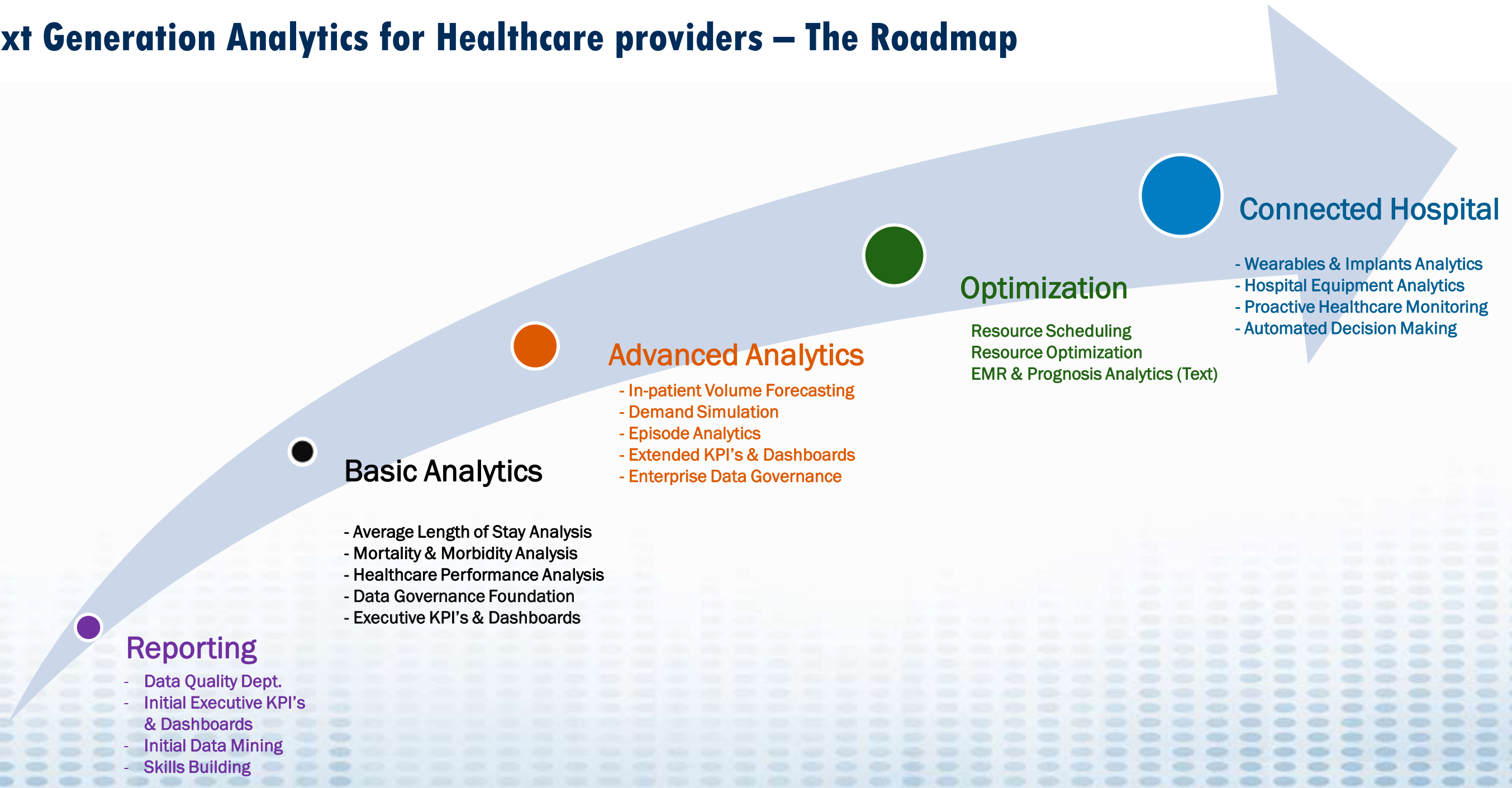
Public Health



Pharmaceuticals

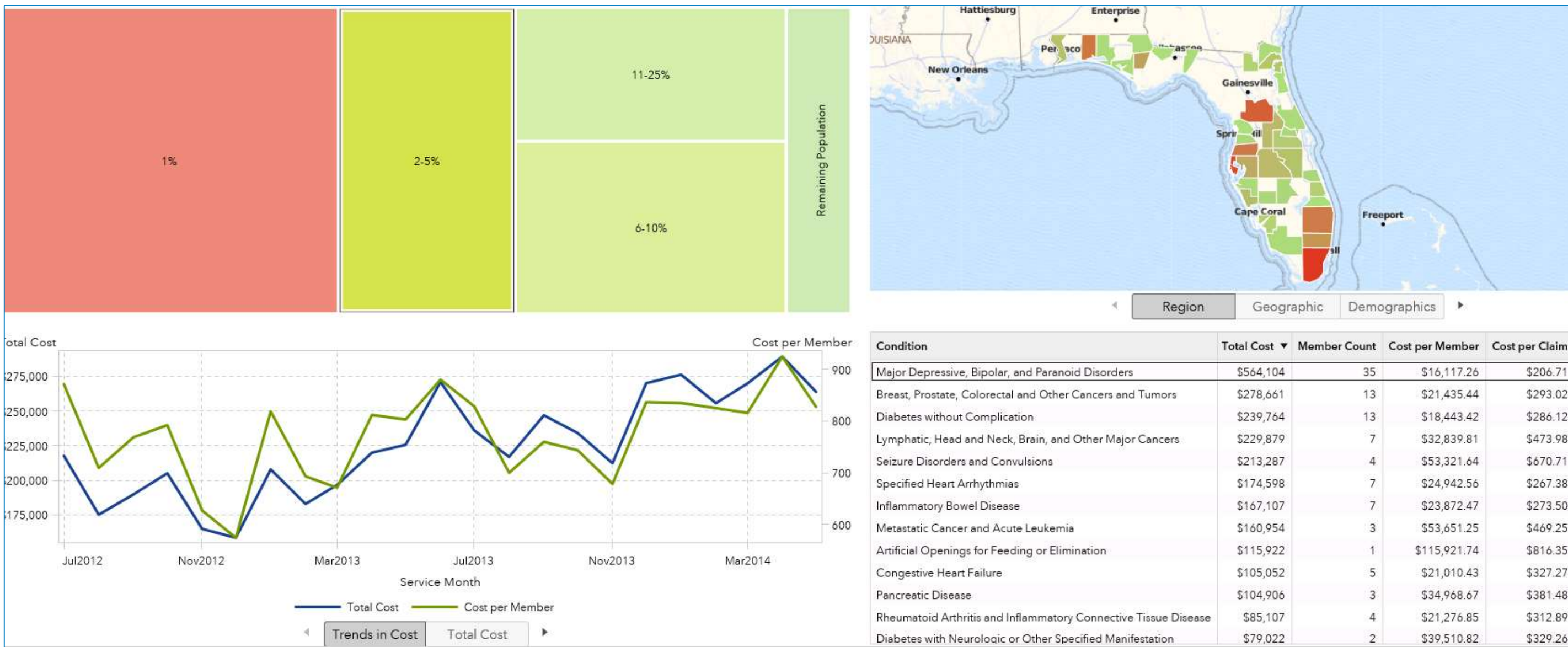


Next Generation Analytics for Healthcare providers – The Roadmap



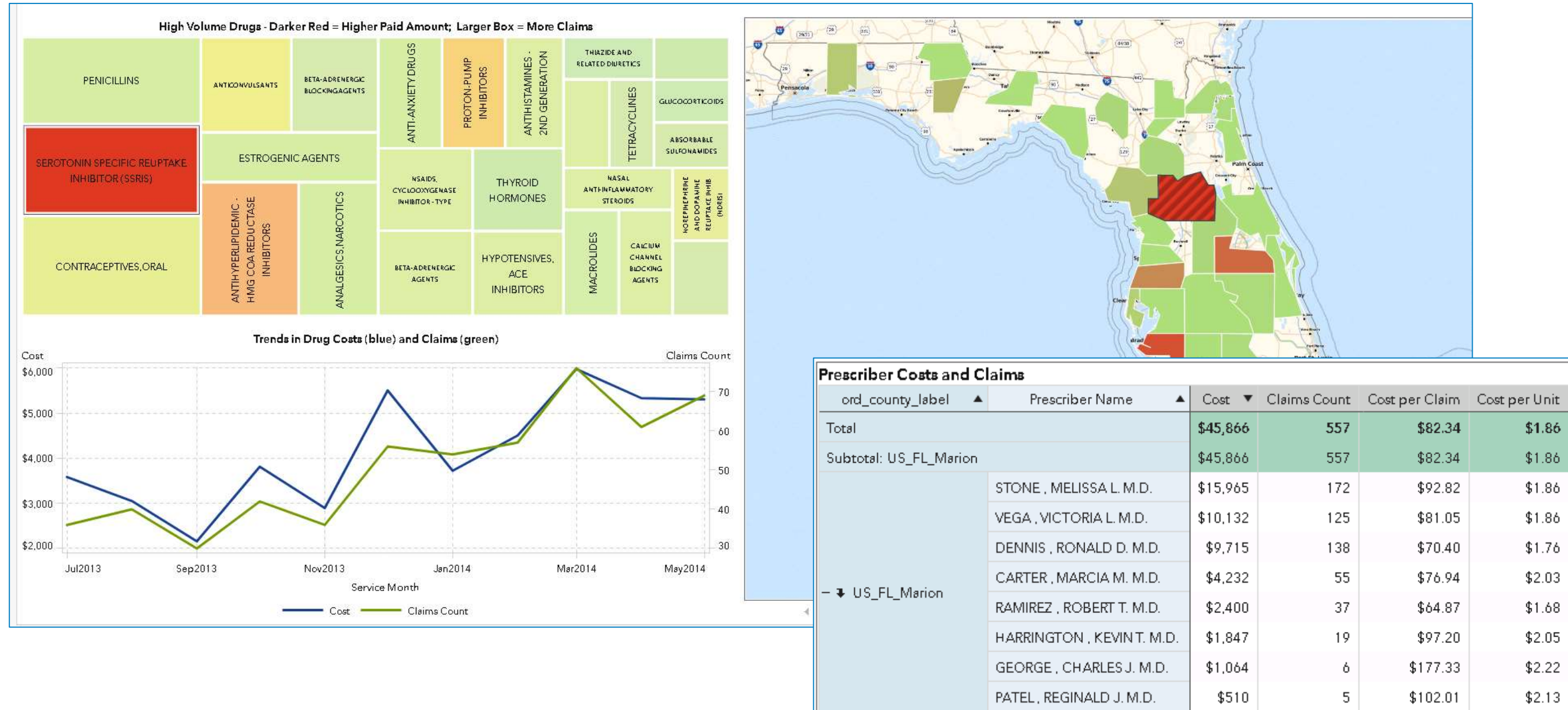
Visualize Patients by Cost, Geography and Condition

Understand Characteristics of the Population



HOT SPOT COSTS, E.G. DRUGS AND GEOGRAPHY

Drill-down to costs associated with individual prescribing providers



Sample Healthcare Case Studies

Using analytics to prevent deadly infections



"If sepsis is properly treated in a timely manner, we've seen that we can save up to 80 percent of the lives that we're losing."

Thomas Heymann

Executive Director
Sepsis Alliance

Artificial intelligence to improve population health



"We're working to understand how environmental factors can help predict who may be at risk, allow for quicker diagnoses, and encourage the development of more precise treatments. The modern statistical and machine learning methods, along with the intuitive data visualizations made possible by SAS, have been critical elements of our success to date."

Jim Metcalf

Chief Data Scientist
Healthy Nevada Project

AI-enhanced tumor assessments bring lifesaving precision.



"A tumor might shrink but not symmetrically. This is difficult to quantify with the human eye. We're now capable of fully automating the chemotherapy response evaluation, and that's really big news. The process is not only faster but more accurate than when it's conducted by humans. AI will help us save lives ... I'm absolutely sure about that"

Dr. Geert Kazemier

Director of Surgical Oncology
Amsterdam UMC



Ďakujem / Thank you