

A Data-Driven View of Virtual Nursing Productivity Using Microsoft Power BI

Students:

- Sydney Lindsay
- Jalyn Jackson
- Jasmine Johnson
- Shania Fernandes

Faculty: Sweta Sneha, PhD, Soo Il Shin, PhD

Industry Sponsor: WellStar Health Systems

What is Virtual Nursing?

Virtual nursing uses telehealth and digital tools to support remote patient care, aiming to enhance safety, access, and patient experience.

Addressing Healthcare Challenges

It helps overcome limitations such as geography, financial constraints, and staffing shortages.

Wellstar Healthcare System Innovative Approach

Wellstar is leading virtual nursing efforts, with a piloted program launched at Paulding Hospital in early 2024.

Tech-Driven Integration

EPIC and Power BI are used to track and visualize performance data to implement a customized dashboard.

KSU Collaboration

Kennesaw State University MS in HMI supports the development of the virtual nursing dashboard by exploring achievements and deficits.