Maternal Health Risk Data

Predicting health risks for pregnant patients

About Dataset

Context:

Data has been collected from different hospitals, community clinics, and maternal health cares through the IoT-based risk monitoring system.

- Age: Age in years when a woman is pregnant.
- SystolicBP: Upper value of Blood Pressure in mmHg, another significant attribute during pregnancy.
- DiastolicBP: Lower value of Blood Pressure in mmHg, another significant attribute during pregnancy.
- BS: Blood glucose levels is in terms of a molar concentration, mmol/L.
- HeartRate: A normal resting heart rate in beats per minute.
- Risk Level: Predicted Risk Intensity Level during pregnancy considering the previous attribute.

Acknowledgments

Relevant Papers:

1. Ahmed M., Kashem M.A., Rahman M., Khatun S. (2020) Review and Analysis of Risk Factors of Maternal Health in Remote Area Using the Internet of Things (IoT). In: Kasruddin Nasir A. et al. (eds) InECCE2019. Lecture Notes in Electrical Engineering, vol 632. Springer, Singapore. [Web Link]
2. IoT-based Risk Level Prediction Model for Maternal Health Care in the Context of Bangladesh, STI-2020, [under publication in IEEE]

Inspiration

Which health conditions are the strongest indications for health risks during pregnancy?

NB: Generate your own insights to add to this.

Good luck.

Samuel Josiah
Program Lead, **QA**

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