

# Data collection methodology for responsible AI in health

## Introduction:

A medical field that is increasingly benefiting from Artificial Intelligence applications is Gynecology and Obstetrics. Over the last decades, Artificial Intelligence (AI) has been generating a remarkable interest in a great number of fields including healthcare and medicine. Here speaker was visualized AI technology which can enhance pregnancy health and its leading to better pregnancy outcomes and overall better experience. Actually, this work represents a data collection methodology for responsible AI and health in a case study of pregnancy domain.

Pregnant women who are interested in using the AI pregnancy application share a strong idea that AI should be responsible, trustworthy, useful and safe. Similarly, pregnant women would change their mind about the concerns if they would feel more confident if an intelligent solution gives explanation about system decisions and recommendations as XAI approach promotes. The data is scattered for example doctors don't put all information in the medical record followed by different machines used from different manufactures, the information is not centralized so to overcome this issue they proposed Enterprise Architecture. a standard that this used in the IT domain in order to change the management mobilization.

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