

Project 2 – your title here

MTH 161 – Fall 2024

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2024-11-15

Part 1: choose a dataset and propose a question

Due Nov. 15th

Note

Research question: What is the relationship between the number of hospital visits during pregnancy and the likelihood of a baby being born prematurely?

Background: Premature birth, defined as a birth before 37 weeks of gestation, is a major public health issue due to its link with health complications for both the baby and mother. Prenatal care, including hospital visits, plays a key role in managing pregnancy risks and detecting early complications. Regular visits are believed to help monitor maternal and baby health, potentially reducing the risk of preterm birth. However, the relationship between the frequency of hospital visits and premature births remains unclear.

Source: <https://www.openintro.org/data/index.php?data=births14>