

Project Proposal

Team RPM

Knowledge Discovery & Management

Domain of Research:

The domain selected for the research and project work is “**Breast Cancer**”.

Proposal of Work:

The project shall involve research of various aspects of breast cancer such as causes, symptoms, diagnosis of cancer. The various methods used in identification of the cancer cells in the breast may be analyzed as well. The outcome of the research shall be presented as an ontology using knowledge graph.

Related Work:

Several relevant works of research around the topic of breast cancer analysis have been identified to be used as source of reference and guidance. Some of the work to be referred towards the project work is listed below.

- <https://www.sciencedirect.com/science/article/pii/S2314728817300314>
- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5544141/>
- <https://onlinelibrary.wiley.com/doi/full/10.1111/j.1524-4741.2007.00446.x>
- <https://onlinelibrary.wiley.com/doi/full/10.1002/path.1691>
- <https://onlinelibrary.wiley.com/doi/full/10.1002/ijc.21651>
- <https://onlinelibrary.wiley.com/doi/full/10.1002/mrm.21029>
- <https://onlinelibrary.wiley.com/doi/full/10.1111/j.1365-2559.2010.03568.x>

Data:

The data is collected from several research papers using the site [PubMed](#). The keywords used to search for data content used are “*breast cancer*”, “*diagnosis*”, “*symptoms*” and “*causes*”.