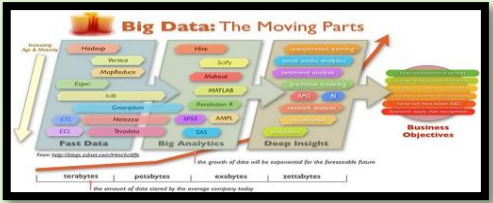


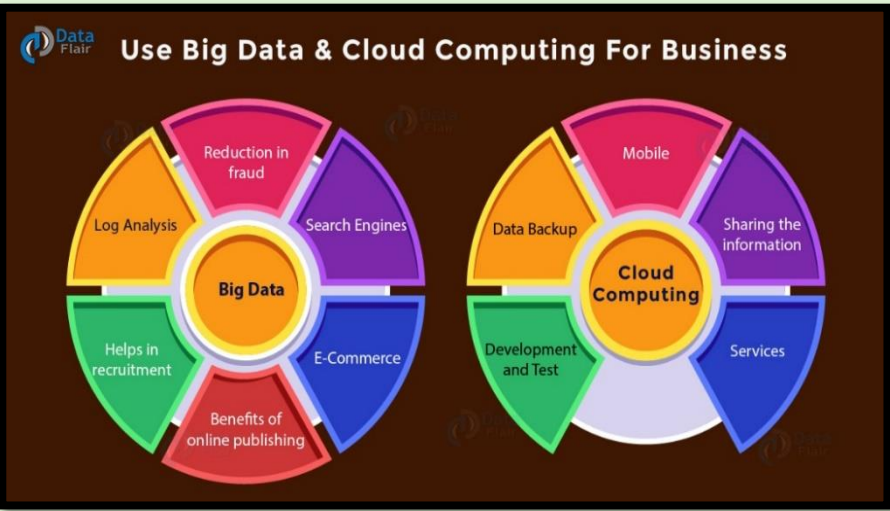


IMPACT OF CLOUD COMPUTING ON MANAGING BIG DATA



Research Purpose

The main purpose of this research is to work between mobile cloud computing and big data management, and to know what would be the role of big data management in business. The overall question is:- **How does mobile cloud computing helps in big data management ?** and what would be the anticipated products that can enhance mobile cloud usage for managing big data.

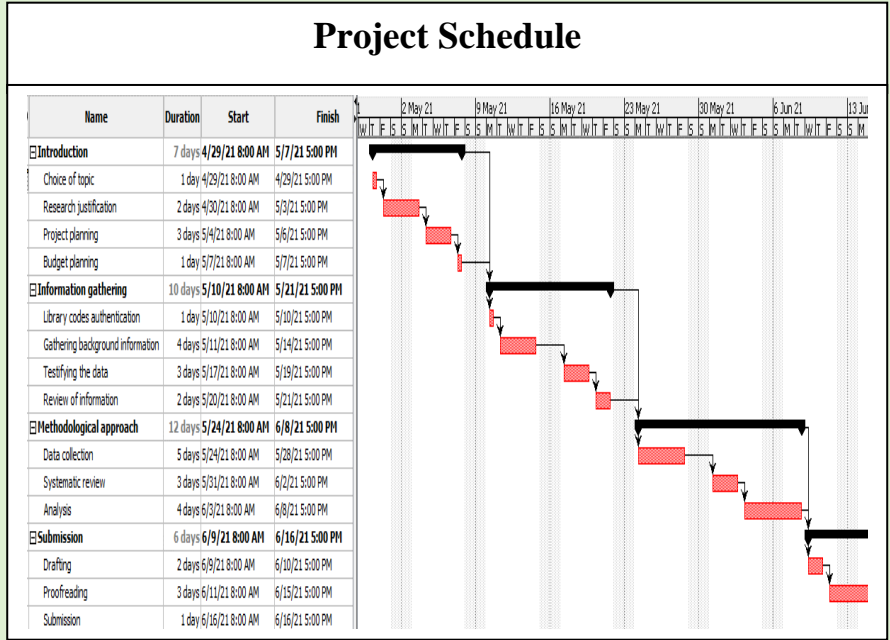


Background Context

The purpose of this study is to research the potential behind the collaboration between mobile cloud computing and big data management. One of the advantages of mobile cloud computing is enhancement of the mobile and cloud services in terms of maximizing their capability and other advantages (Elhoseny *et al.* 2018). We can also help in managing unfavourable conditions such as power of CPU battery life and limited memory capacity. The advantage of extracting value from high volume varieties, high velocity and veracity data while simplifying the output for the users, can only be achieved by big data technology. All major corporations such as Amazon American express and Netflix are users of big data management systems. The only downside is that the cost structure is higher than the usual storage systems and also there is a violation of privacy.

Research Methodology

Research methodology is essential for analysing and identification of information required for the research of a topic. The general research methodology can be segmented into quantitative research, qualitative research and systematic research review. Literature review can help us in creating a systematic review method for the completion of the project (de Haan, 2019). A general overview of the people's perception about an event can be obtained by a qualitative research. Quantitative research can be useful only when the objectives and goals of the study are confirmatory in nature.

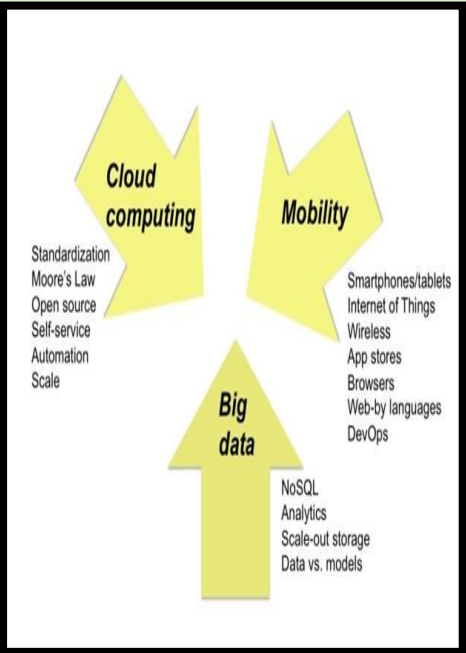


Evaluation Methodology

The methodology used for the completion of this project is literature review. This method can help in extracting the points required for generating a systematic review of the research topic. A systematic review is inclusive of a critical summary of the number of variables which can be reproduced again if required. The determination of the outcomes is done from the resources available. The literature review provides a concrete foundation upon which other implementations can be structured for enhancing the existing conditions. The systematic methodology has the capability of producing accurate diagnosis and can help in creating a proper conclusion along with substantial proof of analysis.

Professional, Legal and Ethical Issues

The consideration of ethics is one of the essential components required for conducting a study or research (Roth *et al.* 2018). The literature review for the purpose of this project should be done with an unbiased and neutral mind set. The sourcing of the necessary data should be done from reputed sources and of high quality. Respect should be given while suggesting new implementation and changes. The privacy of individuals from whom data has been collected as to be ensured. No deception from the study aim should be tolerated. The entire research work is exclusive of any misleading information or data or knowledge from any funded sources. The entire literature review adheres to the data protection act 1998.



References

de Haan, E., 2019. A systematic review of qualitative studies in workplace and executive coaching: The emergence of a body of research. *Consulting Psychology Journal: Practice and Research*, 71(4), p.227.

Elhoseny, M., Abdelaziz, A., Salama, A.S., Riad, A.M., Muhammad, K. and Sangaiah, A.K., 2018. A hybrid model of internet of things and cloud computing to manage big data in health services applications. *Future generation computer systems*, 86, pp.1383-1394.

Roth, W.M. and von Unger, H., 2018, September. Current perspectives on research ethics in qualitative research. In *Forum qualitative sozialforschung/forum: Qualitative social research* (Vol. 19, No. 3).