Abstract

The census is the source of information about demography, literacy, education, fertility and mortality, religions etc. This treasure of information is beneficial for the government and planning commission. This overall combined census data is high dimensional and unstructured, so it can be classified as big data and the application of analysis of big data for the purpose of extracting patterns in several research fields is now a worldwide problem. Since education is pathway to any nation building enterprises, it created enlighten society, meritocratic human resources, democratic society etc. So, by considering key role of education in development socioeconomic growth, education attainment of Maharashtra state is considered for the study purpose. The districts of Maharashtra state with similar education levels are clustered using
cluster analysis. The ST category showed higher variation in literacy as compared to other categories.

References

- Shariff Abusaleh, 1995. Socioeconomic and Demographic Differentials between Hindus and Muslims in India. Economic and Political Weekly.
- www. census. gov. in
- https://en. wikipedia. org/wiki/Factor_analysis
- www. cbs. gov. il/census

Index Terms

Computer Science

Information Sciences
Keywords
Big Data  Data Analysis  Chi-square Test  Cluster Analysis  Factor Analysis.