Abstract

In this research work, Data Envelopment Analysis (DEA) is broadly connected in assessing the productivity of banks since it may be a strategy able of assessing the proficiency of choice making units in utilizing different inputs to deliver numerous yields. Be that as it may, a few yields of banks, in truth, have Fuzzy property, whereas ordinary DEA approach can as it were evaluate productivity with a fresh esteem and is incapable to assess loose information. Hypothetically, the Fuzzy Data Envelopment Analysis (FDEA) approach can assess banks’ productivity more reasonable and exact since it can take the fuzzy property of inputs and/or yields into thought. The comes about appear that the FDEA approach could not as it were successfully differentiate instability, but too may have a better capability to segregate banks’ effectiveness than the ordinary DEA method.

References

envelopment analysis. Journal of Banking and Finance, 9, 297-316.


Index Terms

Computer Science  Fuzzy Systems

Keywords

Data Envelopment Analysis, Fuzzy Data Envelopment Analysis, -cut, inaccurate data.