

APPLYING DATA ANALYTICS IN INCREASING EFFICIENCY OF PUBLIC DISTRIBUTION SYSTEMS

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ABSTRACT

Public Distribution System (or PDS) is system operated by government of India to distribute subsidized food items to poor. Due to massive scale of system and involvement of large number of entities and departments, frauds and theft are common in system. This paper analyses use of tools and principles of Data analytics to increase the efficiency of PDS. This paper explores possibilities detecting fraud by analysing withdrawal trends at State, district and shop level. The paper further analyse using data analytics to predicting demand at various times of year at state, district and shop level; so adequate supply could be ensured.

KEYWORDS: Data Analytics, Data Warehouse, Data Mining, PDS