## ANNA UNIVERSITY, CHENNAI

## BONAFIDE CERTIFICATE

RETAIL SHELVES USING MARKET BASKET ANALYSIS" is the bonafide work of SAI NARAYAN R (221801042), SANJAY B (221801045) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

SIGNATURE

Dr. J.M. Gnanasekar M.E., Ph.D.,

Professor and Head

Department of Artificial Intelligence.

and Data Science

Rajalakshmi Engineering College

Chennai - 602 105

SIGNATURE .

Dr.V.Saravana Kumar

Professor,

Department of Artificial Intelligence.

and Data Science

Rajalakshmi Engineering College

Chennai - 602 105

Submitted for the project viva – voce examination held on 2311 h4

INTERNAL EXAMINER

EXTERNAL EXAMINER (.