STUDY THE CHARACTERISTICS OF COMMUTER TRAIN PASSENGERS SURABAYA-SIDOARJO

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Abstract

Patterns of population movement around the city of Surabaya continues to grow, along with increasing populations living in Sidoarjo, but has activities in the city of Surabaya. Operation of Commuter Train Surabaya-Sidoarjo is one way to serve the transportation needs for people who commute every day to doing activities.

This final project is to understand the characteristics of commuter train users Surabaya-Sidoarjo and find out whether the facilities and services provided are in accordance with the user desires. Data collected by the spread of a number of questionnaires to several respondents on working days (Monday-Friday) and holidays (Saturday-Sunday) during rush hour morning and afternoon.

The analysis results showed the percentage of commuter train passengers characteristics of the Surabaya-Sidoarjo, among others, is the age between 16-20 years amounted to 22.31%, the dominant gender is female at 55.38%, high school education is dominant at 39.23 %, occupation / profession is predominantly employees of 33.85%, while the dominant purpose of the trip was to work for 33.33%. Origin and destination land use is dominant houses.

Facilities and commuter train services from Surabaya-Sidoarjo according to the respondents are good. It can be seen
from the analysis using semantic differential method the average score was 1.124. While the station is the busiest origin and destination stations and station Gubeng Sidoarjo, based on the calculation Destination Matrix. While the busiest station at origin and destination is Gubeng Station and Sidoarjo Station, based on the Calculation Destination Matrix/Matriks Asal Tujuan (MAT).

Keywords: Commuter Train, Characteristics, MAT