



INTERNATIONAL JOURNAL OF ADVANCE RESEARCH, IDEAS AND INNOVATIONS IN TECHNOLOGY

ISSN: 2454-132X

Impact factor: 6.078

(Volume 7, Issue 1)

Available online at: <https://www.ijariit.com>

A study the effect of competitive examination on student behavior using statistical methods

Prakash S. Chougule

ps_chougule@rediffmail.com

Rajarshi Chhatrapati Shahu College,
Kolhapur, Maharashtra

Suresh V. Patil

sureshpatil2920@gmail.com

Rajarshi Chhatrapati Shahu College,
Kolhapur, Maharashtra

Tejaswi S. Kurane

tejustat@gmail.com

Rajarshi Chhatrapati Shahu College,
Kolhapur, Maharashtra

Prasad V. Shinde

prasadshinde2598@gmail.com

Rajarshi Chhatrapati Shahu College,
Kolhapur, Maharashtra

Pratiksha S. Powar

pratikshapowar10@gmail.com

Rajarshi Chhatrapati Shahu College,
Kolhapur, Maharashtra

ABSTRACT

We know that there are number of entrance exams like IIT JEE, Civil Services Exam, EAMCET, CAT, AIPMT, UPSC etc. An interesting fact about civil services exam is that it is considered as one of the toughest examination in the world with a success rate is below three percent. Parents who failed to meet their goals in their younger days want to fill that avoid through their child. But mechanism of these exams has both positive and negative effects on the takers. So for the purpose of this study we collect the primary data through systematic Questionnaires containg several attributes and analysis is made through using various statistical tools and techniques .our study shows the attributes stress and anxiety is dependent to each other. The proportion of arts students in competitive exam is fourty percent. most of students preparing for competitive exams from arts and science.

Keywords: Graphical Representation, Z-Test, Chi-Square Test, Level of Significance, ANOVA

1. INTRODUCTION

Today in a world of globalization and industrialization, it is very easy to earn money but it is very hard to earn prestige and respect in our society. The era has passed away when a simple graduation certificate used to help you in getting a prestigious job. Hence, the jobs are not available for large number of people. So the crowd is approaching towards competitive exams. Considering Maharashtra state, there are more than 4-5 lacks students appearing for competitive exams. The competitive exams include MPSC, and other exams at state level, and the exams like UPSC, IBPS, SSC, etc. at central level. For central level exams the number of competitors is increasing. At first it seems like quite acceptable. But as a statistician, the data regarding these aspirants dip into reality. The following project, consisting analysis of data of these aspirants provides us another point of view. This makes us think over the psychological problems faced by these aspirants. A large number of competitive exams aspirants face problems like depression, anxiety, stress. When we speak about psychological problems, it seems to be in two perspective. One is You and your competitors; Aspirants may go in depression or may lose their confidence as there is very high number of competition. other is You and your family responsibilities or expectations. Some people are trying their luck in civil service exams even at the age of 30. At this level, family expectations can put them into a do or die situation. This study provides analysis of these aspirants from different angles by means of statistics. This analysis may be useful for government, coaching classes, aspirants and their family. We can evaluate or compute the stress or anxiety or depression of the students which are preparing for those exams by using different tests. We can see economical conditions of the students which are going to try competitive exam. We can correlate parents education with students educations means we can say that those two things are independent or not independent. Similarly we can find the relation between study hours of students and their success in competitive exam. Our main aim is to examine the stress, depression and anxiety on the students.

2. OBJECTIVES

- To study which type of people (age wise/ gender wise/ area wise) preparing for competitive exams
- To study which source is mostly used competitive exam students.
- To study relation between previous marks of students and their parents education
- To study how many hours students study daily.