

ASNA SHAMSU

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OBJECTIVE

As a recent graduate in statistics, I am eager to embark on a new career in the field of data science. I aim to apply my skills and continue learning to provide valuable contributions to the company.

ACADEMIC PROJECT

- Statistical Study On Body Mass Index Of Individuals

In this project I conducted statistical analysis on a diverse range of health related data using SPSS software. Here I evaluated BMI variations across varying physical activity levels using Kruskal-Wallis test, explored gender-obesity association using Chi-Square test, assessed high calorie diet effects on BMI using Mann-Whitney U test, and investigated the impact of multiple factors on obesity levels using Multinomial Logistic Regression.

KNOWLEDE PURVIEW

- Good knowledge in SAS to access data; create temporary and permanent data sets by using **Proc Import** and **Libname**.
- Have an understanding to use **Proc Contents** for understanding the descriptive portion of data sets.
- Good knowledge in combining data sets with different methods that are **Proc Append, Concatenation, Interleaving** and **Merge**.
- Have a good understanding to create and manipulate SAS date values by using **Informats** and **Formats**.
- Can control which observations and variables are to be processed or shown in the output by using **Where** and **If** statements; **Keep, drop options** and **statements**.
- Can Sort the observations in dataset by using **Proc Sort** and remove the duplicate values.
- Have a good understanding of conditionally executing the SAS data step by **IfThen/If-Then-Else/If-Then-Else-Do**.
- Good knowledge in creating new variables by using assignment statements.
- Have an understanding in modifying the attributes of the variables with **Rename option, Label, Format** and **Length**.
- Have knowledge of accumulating sub-totals and totals using **By statement, Retain statement** and **Sum statement**.
- Have an understanding of different character, numeric and date **Functions** such as **SCAN, SUBSTR, TRIM, LOWCASE, INT, ROUND, MDY, TODAY, INTNX** and **INTCK**.

- Have an understanding of **Functions** to convert character to numeric and vice versa by using **Input** and **Put** functions respectively.
- Have knowledge of processing data using **Do Loops**.
- Have good knowledge of re-structuring the data sets using **Proc Transpose**.
- Can identify and resolve programming logical errors.
- Have knowledge of generating list reports using **Print Procedure**.
- Have knowledge of generating summary reports and frequency tables by using **Proc Means, Proc Summary** and **Proc Freq**.
- Can enhance reports by using **User-defined Formats, Titles, Footnotes** and **Label**.
- Have knowledge of generating reports using **ODS Statements**.
- Have the knowledge of exporting data using **Proc Export**.
- Can generate detailed reports and summary reports by working with a single table and joining tables by using **Proc SQL**.
- Have knowledge of using special features such as options (**Keep =, Drop =, Rename =, Obs =, Noprint, number**), creating macros with **Into Clause**, using Functions like (**SCAN, SUBSTR, LENGTH**), and accessing system information by dictionary tables (**Members, Tables, Columns**).
- Have knowledge of **Arrays**.
- **SPSS**:Data visualization, Conducting parametric tests like ANOVA, Independent t-test, Logistic Regression analysis as well as non parametric tests like Chi-Square test, Kruskal-Wallis test and Mann-Whitney U test, Assessing normality of the data through visual inspection and by using tests like the Shapiro-Wilk test.
- **Basics of R Programming**
- **Basic Computer Applications**: Microsoft Word, Microsoft PowerPoint, Excel

EDUCATIONAL QUALIFICATIONS

- **MSc. Statistics(2021-2023)**
MG University
Percentage of mark:87.2%
- **BSc. Mathematics(2018-2021)**
MG University
Percentage of mark :83.86%
- **Plus Two with Physics, Chemistry, Mathematics, Biology (2018)**
SAGHSS Muvattupuzha
Percentage of mark- 93.3%
- **10-th Standard(2016)**
SAGHSS Muvattupuzha
Percentage of mark – 99%

CERTIFICATION

- CATEGORICAL DATA ANALYSIS: Conducted by the PG Department of Statistics, Mar Athanasius College Kothamangalam

SOFT SKILLS

- Adaptability
- Communication
- Patient
- Teamwork

PERSONAL DETAILS

Date of Birth : 24-01-2001

Gender : Female

Marital Status: Unmarried

Nationality : Indian

Address :Paruthikkattu House, Manary P O, Muvattupuha

DECLARATION

I solemnly declare that all the above information is correct to the best of my knowledge and belief.

Date:

Place:Muvattupuzha

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