**DATA ANALYSIS AND INTERPRETATION**

**INTRODUCTION**

This part presents of three areas first segment Demographic information, second segment representations and analysis and third segment major findings and discussion of the review.

**DEMOGRAPHIC STUDY**

The proportion and attitude of investment differs between the individuals based on their Age, Gender, Residence, Educational Qualification, Occupation, Income.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **Particulars** | **No. of respondents** | | **Percentage (%)** |
|  | 18 - 30 years | 177 | | 51.3% |
|  | 31 - 40 years | 144 | | 41.7% |
| Age | 41 – 50 years | 12 | | 3.5% |
|  | 51 – 60 years | 12 | | 3.5% |
|  | **Total** | **345** | | **100%** |
|  | Male | 213 | | 61.7% |
| Gender | Female | 132 | | 38.3% |
|  | **Total** | **345** | | **100%** |
|  | Rural | 66 | | 19.1% |
| Residence | Urban | 279 | | 80.9% |
|  | **Total** | **345** | | **100%** |
| **Variables** | **Particulars** | | **No. of respondents** | **Percentage (%)** |
|  | 10th | | 01 | 0.3% |
|  | 12th | | 23 | 6.7% |
| Educational | Under graduate | | 200 | 58% |
| Qualification | Post graduate | | 117 | 33.9% |
|  | Ph.D | | 04 | 1.2% |
|  | **Total** | | **345** | **100%** |
|  | Student | | 149 | 43.2% |
|  | Housewife | | 30 | 8.7% |
| Occupation | Employed | | 138 | 40% |
|  | Self-employed | | 26 | 7.5% |
|  | Service | | 02 | 0.6% |
|  | **Total** | | **345** | **100%** |
|  | 0 - 2,00,000 | | 147 | 42.5% |
|  | 2,00,001 - 4,00,000 | | 33 | 9.6% |
| Income | 4,00,001 - 6,00,000 | | 82 | 23.8% |
|  | 6,00,001 and above | | 83 | 24.1% |
|  | **Total** | | **345** | **100%** |

**RELIABILITY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Processing Summary** | | | |
|  | | N | % |
| Cases | Valid | 345 | 100.0 |
| Excludeda | 0 | .0 |
| Total | 345 | 100.0 |
| a. Listwise deletion based on all variables in the procedure. | | | |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .885 | 29 |

From this survey we got Cronbach’s Alpha of 0.885 which is greater than standard .6 and its shows that our scale is has higher reliability. These results came when we applied the results of the respondents and this is a very best tool to find out the reliability of any scale.

**THE LEVEL OF RESPONDENT’S AGE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AGE** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 177 | 51.3 | 51.3 | 51.3 |
| 2.00 | 144 | 41.7 | 41.7 | 93.0 |
| 3.00 | 12 | 3.5 | 3.5 | 96.5 |
| 4.00 | 12 | 3.5 | 3.5 | 100.0 |
| Total | 345 | 100.0 | 100.0 |  |

As per this table and chart 51.3% of the individual are the age of 18-30 years, 41.7% are 31-40 years, 41-50 years are 3.5% and remaining 3.5% are 51-60 years. So according to the data interpretation the age group 18-30 years are more involved in providing their review in the questionnaire given.

**THE LEVEL OF RESPONDENT’S GENDER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GENDER** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 213 | 61.7 | 61.7 | 61.7 |
| 2.00 | 132 | 38.3 | 38.3 | 100.0 |
| Total | 345 | 100.0 | 100.0 |  |

According to the table and chart shows 61.7% of the individual are Male and while 38.3% of individual are Female. Based on data 345 gathered, the majority of the respondent are Male, while a small number of the respondent are Female. Thus, Male have significantly dominated the responses of this survey.

**THE LEVEL OF RESPONDENT’S RESIDENCE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RESIDENCE** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 66 | 19.1 | 19.1 | 19.1 |
| 2.00 | 279 | 80.9 | 80.9 | 100.0 |
| Total | 345 | 100.0 | 100.0 |  |

According to the table and chart shows 19.1% of the individual are Rural and while 80.9% of individual are Urban. Based on data 345 gathered, the majority of the respondent are urban, while a small number of the respondent are rural. Thus, Urban have significantly dominated the responses of this survey.

**THE LEVEL OF RESPONDENT’S EDUCATIONAL QUALIFICATION**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **QUALIFICATION** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 1 | .3 | .3 | .3 |
| 2.00 | 23 | 6.7 | 6.7 | 7.0 |
| 3.00 | 200 | 58.0 | 58.0 | 64.9 |
| 4.00 | 117 | 33.9 | 33.9 | 98.8 |
| 5.00 | 4 | 1.2 | 1.2 | 100.0 |
| Total | 345 | 100.0 | 100.0 |  |

As per this table and chart 0.3% of the individual are of qualification 10th, 6.7% are of 12th, Undergraduate are 58%, Post graduate are 33.9% and remaining 1.2% are Ph.D. So according to the data interpretation the age group Under graduate are more involved in providing their review in the questionnaire given.

**THE LEVEL OF RESPONDENT’S OCCUPATION**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **OCCUPATION** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 149 | 43.2 | 43.2 | 43.2 |
| 2.00 | 30 | 8.7 | 8.7 | 51.9 |
| 3.00 | 138 | 40.0 | 40.0 | 91.9 |
| 4.00 | 26 | 7.5 | 7.5 | 99.4 |
| 5.00 | 2 | .6 | .6 | 100.0 |
| Total | 345 | 100.0 | 100.0 |  |

From above table and chart, it seen that 43.2% are Student, 8.7% are Housewife, 40% are Employed, 7.5% are Self-employed and 0.6% are Service. So according to the data interpretation of the Employed group are more involved in providing their review in the questionnaire given.

**THE LEVEL OF RESPONDENT’S INCOME**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **INCOME** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 147 | 42.6 | 42.6 | 42.6 |
| 2.00 | 33 | 9.6 | 9.6 | 52.2 |
| 3.00 | 82 | 23.8 | 23.8 | 75.9 |
| 4.00 | 83 | 24.1 | 24.1 | 100.0 |
| Total | 345 | 100.0 | 100.0 |  |

In the above table and chart 42.5% of the individual are of 0-2,00,000 income group, 9.6% are 2,00,001-4,00,000 group, 4,00,001-6,00,000 are 23.8% and remaining 24.1% are 6,00,001 and above. So according to the data interpretation the 0-2,00,000 income group are more involved in providing their review in the questionnaire given.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (SEC1)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: SEC1 | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .629a | .395 | .340 | .66314 | .395 | 7.106 | 29 | 315 | .000 |
| a. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.629, R square 0.395 and adjusted R square is 0.340. This shows the result of independent variable. This standard Error of the Estimate value is 0.66314. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 39.5% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 90.623 | 29 | 3.125 | 7.106 | .000b |
| Residual | 138.525 | 315 | .440 |  |  |
| Total | 229.148 | 344 |  |  |  |
| a. Dependent Variable: SEC1 | | | | | | |
| b. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 7.106. The significance of the study model is 0.000. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .766 | .417 |  | 1.840 | .067 |
| PR1 | .049 | .081 | .047 | .603 | .547 |
| PR2 | .068 | .074 | .071 | .910 | .364 |
| PR3 | .023 | .056 | .029 | .415 | .679 |
| PR4 | -.071 | .038 | -.101 | -1.882 | .061 |
| US1 | .069 | .072 | .051 | .949 | .343 |
| US2 | -.019 | .062 | -.018 | -.312 | .755 |
| FUN1 | -.059 | .086 | -.035 | -.683 | .495 |
| NOUTG1 | -.012 | .065 | -.015 | -.192 | .848 |
| NOUTG2 | -.075 | .073 | -.080 | -1.038 | .300 |
| NOUTG3 | .150 | .060 | .181 | 2.509 | .013 |
| NOUTG4 | -.004 | .041 | -.007 | -.108 | .914 |
| R1 | .012 | .058 | .012 | .210 | .834 |
| U1 | .258 | .050 | .272 | 5.157 | .000 |
| U2 | -.018 | .041 | -.021 | -.426 | .670 |
| OB1 | .030 | .053 | .028 | .567 | .571 |
| PUR1 | -.020 | .065 | -.022 | -.314 | .754 |
| PUR2 | .080 | .064 | .086 | 1.240 | .216 |
| PUR3 | .066 | .052 | .079 | 1.280 | .202 |
| PUR4 | .024 | .048 | .029 | .509 | .611 |
| PUR5 | .064 | .049 | .075 | 1.322 | .187 |
| PUR6 | .085 | .049 | .097 | 1.718 | .087 |
| SP1 | .209 | .120 | .087 | 1.743 | .082 |
| OA1 | -.102 | .074 | -.101 | -1.378 | .169 |
| OA2 | .118 | .063 | .135 | 1.867 | .063 |
| OA3 | -.013 | .052 | -.014 | -.245 | .807 |
| OA4 | -.024 | .048 | -.028 | -.486 | .627 |
| OA5 | .050 | .042 | .062 | 1.181 | .238 |
| OA6 | -.068 | .045 | -.082 | -1.504 | .134 |
| OA7 | -.007 | .049 | -.008 | -.153 | .879 |
| a. Dependent Variable: SEC1 | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 0.766 + 0.049 + 0.068 + 0.023 + (-.0071) + 0.069 + (-0.019) + (-0.059) + (-0.012) (-0.075) + 0.150 + (-0.004) + 0.012 + 0.258 + (-0.018) + 0.030 + (-0.020) + 0.080 + 0.066 + 0.024 + 0.064 + 0.085 + 0.209 + (-0.102) + 0.118 + (-0.013) + (-0.024) + 0.050 (-0.068) + (-0.007)

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 0.766. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 0.863 increases in financial knowledge while contributing to 80.9% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as NOUTG3 and U1 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable SEC1.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (SEC2)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: SEC2 | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .599a | .359 | .300 | .62153 | .359 | 6.094 | 29 | 315 | .000 |
| a. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.599, R square 0.359 and adjusted R square is 0.300. This shows the result of independent variable. This standard Error of the Estimate value is 0.62153. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 35.9% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 68.268 | 29 | 2.354 | 6.094 | .000b |
| Residual | 121.686 | 315 | .386 |  |  |
| Total | 189.954 | 344 |  |  |  |
| a. Dependent Variable: SEC2 | | | | | | |
| b. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 6.094. The significance of the study model is 0.000. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 1.417 | .390 |  | 3.630 | .000 |
| PR1 | .041 | .075 | .044 | .541 | .589 |
| PR2 | -.094 | .070 | -.107 | -1.344 | .180 |
| PR3 | .019 | .052 | .026 | .367 | .714 |
| PR4 | -.046 | .035 | -.071 | -1.293 | .197 |
| US1 | .031 | .068 | .025 | .450 | .653 |
| US2 | -.120 | .059 | -.119 | -2.045 | .042 |
| FUN1 | -.065 | .081 | -.042 | -.801 | .424 |
| NOUTG1 | -.023 | .061 | -.030 | -.382 | .703 |
| NOUTG2 | .047 | .068 | .055 | .695 | .487 |
| NOUTG3 | .039 | .056 | .052 | .698 | .485 |
| NOUTG4 | -.004 | .038 | -.007 | -.111 | .911 |
| R1 | .112 | .054 | .124 | 2.070 | .039 |
| U1 | .299 | .047 | .348 | 6.391 | .000 |
| U2 | .080 | .039 | .103 | 2.070 | .039 |
| OB1 | -.046 | .050 | -.047 | -.917 | .360 |
| PUR1 | .068 | .061 | .079 | 1.122 | .263 |
| PUR2 | .035 | .060 | .041 | .576 | .565 |
| PUR3 | .034 | .048 | .045 | .700 | .485 |
| PUR4 | .077 | .045 | .102 | 1.726 | .085 |
| PUR5 | .021 | .046 | .027 | .460 | .646 |
| PUR6 | .113 | .046 | .141 | 2.444 | .015 |
| SP1 | -.096 | .112 | -.044 | -.858 | .392 |
| OA1 | -.019 | .069 | -.021 | -.275 | .784 |
| OA2 | .043 | .059 | .054 | .724 | .470 |
| OA3 | .044 | .049 | .053 | .907 | .365 |
| OA4 | -.024 | .045 | -.031 | -.534 | .593 |
| OA5 | -.021 | .040 | -.028 | -.516 | .606 |
| OA6 | -.035 | .042 | -.047 | -.838 | .403 |
| OA7 | -.039 | .046 | -.049 | -.852 | .395 |
| a. Dependent Variable: SEC2 | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 1.417 + 0.041 + (-0.094) + 0.019 + (-0.046) + 0.031 + (-0.120) + (-0.065) + (-0.023) + 0.047 + 0.039 + (-0.004) + 0.112 + 0.299 + 0.080 + (-0.046) + 0.068 + 0.035 + 0.034 + 0.077 + 0.021 + 0.113 + (-0.096) + (-0.019) + 0.043 + 0.044 + (-0.024) + (-0.021) + (-0.035) + (-0.039)

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 1.417. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 0.471 increases in financial knowledge while contributing to 67.6% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as US2, R1, U1, U2, PUR6 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable SEC2.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (SEC3)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: SEC3 | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .530a | .281 | .215 | .69585 | .281 | 4.253 | 29 | 315 | .000 |
| a. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.530, R square 0.281 and adjusted R square is 0.215. This shows the result of independent variable. This standard Error of the Estimate value is 0.69585. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 28.1% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 59.722 | 29 | 2.059 | 4.253 | .000b |
| Residual | 152.527 | 315 | .484 |  |  |
| Total | 212.249 | 344 |  |  |  |
| a. Dependent Variable: SEC3 | | | | | | |
| b. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 4.253. The significance of the study model is 0.000. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 1.463 | .437 |  | 3.346 | .001 |
| PR1 | -.052 | .084 | -.053 | -.616 | .538 |
| PR2 | .044 | .078 | .048 | .563 | .574 |
| PR3 | .137 | .059 | .178 | 2.335 | .020 |
| PR4 | -.077 | .040 | -.113 | -1.935 | .054 |
| US1 | .046 | .076 | .036 | .604 | .546 |
| US2 | -.126 | .066 | -.118 | -1.925 | .055 |
| FUN1 | .076 | .091 | .047 | .838 | .403 |
| NOUTG1 | .032 | .068 | .039 | .473 | .636 |
| NOUTG2 | .089 | .076 | .098 | 1.167 | .244 |
| NOUTG3 | -.061 | .063 | -.077 | -.977 | .329 |
| NOUTG4 | .038 | .043 | .060 | .891 | .373 |
| R1 | .108 | .061 | .114 | 1.788 | .075 |
| U1 | .142 | .052 | .156 | 2.701 | .007 |
| U2 | -.056 | .043 | -.068 | -1.294 | .197 |
| OB1 | -.088 | .056 | -.086 | -1.580 | .115 |
| PUR1 | .009 | .068 | .010 | .138 | .890 |
| PUR2 | .001 | .067 | .001 | .009 | .993 |
| PUR3 | .057 | .054 | .070 | 1.044 | .297 |
| PUR4 | -.032 | .050 | -.040 | -.649 | .517 |
| PUR5 | .044 | .051 | .053 | .857 | .392 |
| PUR6 | .203 | .052 | .240 | 3.922 | .000 |
| SP1 | .004 | .126 | .002 | .033 | .974 |
| OA1 | .120 | .077 | .124 | 1.547 | .123 |
| OA2 | -.103 | .066 | -.122 | -1.553 | .122 |
| OA3 | -.060 | .055 | -.068 | -1.093 | .275 |
| OA4 | .036 | .051 | .044 | .707 | .480 |
| OA5 | .063 | .045 | .081 | 1.416 | .158 |
| OA6 | .011 | .047 | .014 | .233 | .816 |
| OA7 | -.069 | .051 | -.081 | -1.344 | .180 |
| a. Dependent Variable: SEC3 | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 1.463 + (-0.052) + 0.044 + 0.137 + (-0.077) + 0.046 + (-0.126) + 0.076 + 0.032 + 0.089 + (-0.061) + 0.038 + 0.108 + 0.142 + (-0.056) + (-0.088) + 0.009 + 0.001 + 0.057 + (-0.032) + 0.044 + 0.203 + 0.004 + 0.120 + (-0.103) + (-0.060) + 0.036 + 0.063 + 0.011 + (-0.069)

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 1.463. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 0.536 increases in financial knowledge while contributing to 58.9% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as PR3, U1, PUR6 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable SEC3.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (SEC4)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: SEC4 | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .657a | .432 | .380 | .36932 | .432 | 8.260 | 29 | 315 | .000 |
| a. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.675, R square 0.432 and adjusted R square is 0.380. This shows the result of independent variable. This standard Error of the Estimate value is 0.36932. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 43.2% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 32.675 | 29 | 1.127 | 8.260 | .000b |
| Residual | 42.966 | 315 | .136 |  |  |
| Total | 75.641 | 344 |  |  |  |
| a. Dependent Variable: SEC4 | | | | | | |
| b. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 8.260. The significance of the study model is 0.000. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 1.323 | .232 |  | 5.705 | .000 |
| PR1 | .017 | .045 | .029 | .381 | .704 |
| PR2 | .024 | .041 | .044 | .589 | .556 |
| PR3 | .068 | .031 | .149 | 2.194 | .029 |
| PR4 | -.002 | .021 | -.005 | -.088 | .930 |
| US1 | -.017 | .040 | -.023 | -.432 | .666 |
| US2 | -.046 | .035 | -.073 | -1.337 | .182 |
| FUN1 | .002 | .048 | .002 | .043 | .966 |
| NOUTG1 | -.063 | .036 | -.129 | -1.747 | .082 |
| NOUTG2 | -.075 | .040 | -.139 | -1.864 | .063 |
| NOUTG3 | .017 | .033 | .036 | .516 | .606 |
| NOUTG4 | .004 | .023 | .010 | .175 | .861 |
| R1 | .093 | .032 | .164 | 2.898 | .004 |
| U1 | .008 | .028 | .014 | .281 | .779 |
| U2 | -.007 | .023 | -.015 | -.317 | .752 |
| OB1 | -.056 | .030 | -.092 | -1.901 | .058 |
| PUR1 | .015 | .036 | .028 | .421 | .674 |
| PUR2 | .109 | .036 | .204 | 3.049 | .002 |
| PUR3 | .002 | .029 | .004 | .068 | .946 |
| PUR4 | -.023 | .026 | -.049 | -.885 | .377 |
| PUR5 | -.044 | .027 | -.089 | -1.618 | .107 |
| PUR6 | -.034 | .027 | -.068 | -1.254 | .211 |
| SP1 | .143 | .067 | .104 | 2.147 | .033 |
| OA1 | -.107 | .041 | -.186 | -2.613 | .009 |
| OA2 | .127 | .035 | .255 | 3.636 | .000 |
| OA3 | .023 | .029 | .043 | .783 | .434 |
| OA4 | -.034 | .027 | -.069 | -1.241 | .215 |
| OA5 | -.022 | .024 | -.048 | -.938 | .349 |
| OA6 | -.029 | .025 | -.060 | -1.138 | .256 |
| OA7 | .001 | .027 | .001 | .021 | .983 |
| a. Dependent Variable: SEC4 | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 1.323 + 0.017 + 0.024 + 0.068 + (-0.002) + (-0.017) + (-0.046) + 0.002 + (-0.063) + (-0.075) + 0.017 + 0.004 + 0.093 + 0.008 + (-0.007) + (-0.056) + 0.015 + 0.109 + 0.002 + (-0.023) + (-0.044) + (-0.034) + 0.143 + (-0.107) + 0.127 + 0.023 + (-0.034) + (-0.022) + (-0.029) + 0.001

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 1.323. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 0.094 increases in financial knowledge while contributing to 4.2% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as PR3, R1, PUR2, SP1, OA1, OA2 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable SEC4.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (SEC5)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: SEC5 | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .378a | .143 | .064 | 1.15152 | .143 | 1.807 | 29 | 315 | .008 |
| a. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | | |

Based on the table above that the value indicates an R of 0.378, R square 0.143 and adjusted R square is 0.064. This shows the result of independent variable. This standard Error of the Estimate value is 1.15152. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 14.3% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 69.499 | 29 | 2.397 | 1.807 | .008b |
| Residual | 417.690 | 315 | 1.326 |  |  |
| Total | 487.188 | 344 |  |  |  |
| a. Dependent Variable: SEC5 | | | | | | |
| b. Predictors: (Constant), OA7, FUN1, U1, US2, U2, PR4, SP1, OA6, OB1, PUR6, OA5, PUR5, OA4, US1, OA1, NOUTG3, OA3, PUR4, R1, PUR3, NOUTG4, PUR1, PR2, PUR2, NOUTG2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 1.807. The significance of the study model is 0.000. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .675 | .723 |  | .933 | .351 |
| PR1 | .376 | .140 | .250 | 2.690 | .008 |
| PR2 | -.280 | .129 | -.201 | -2.173 | .031 |
| PR3 | .020 | .097 | .017 | .206 | .837 |
| PR4 | .028 | .065 | .027 | .428 | .669 |
| US1 | .020 | .126 | .010 | .156 | .876 |
| US2 | -.060 | .108 | -.037 | -.556 | .579 |
| FUN1 | -.117 | .150 | -.048 | -.781 | .435 |
| NOUTG1 | .200 | .112 | .162 | 1.782 | .076 |
| NOUTG2 | -.190 | .126 | -.138 | -1.511 | .132 |
| NOUTG3 | -.021 | .104 | -.018 | -.205 | .838 |
| NOUTG4 | .038 | .070 | .040 | .547 | .585 |
| R1 | .179 | .100 | .124 | 1.783 | .076 |
| U1 | .012 | .087 | .009 | .143 | .886 |
| U2 | .121 | .072 | .097 | 1.679 | .094 |
| OB1 | .144 | .092 | .093 | 1.563 | .119 |
| PUR1 | .037 | .112 | .027 | .333 | .740 |
| PUR2 | -.174 | .111 | -.129 | -1.564 | .119 |
| PUR3 | .112 | .090 | .092 | 1.251 | .212 |
| PUR4 | .037 | .083 | .030 | .444 | .657 |
| PUR5 | .063 | .085 | .050 | .740 | .460 |
| PUR6 | .075 | .086 | .059 | .878 | .380 |
| SP1 | .602 | .208 | .172 | 2.892 | .004 |
| OA1 | -.019 | .128 | -.013 | -.147 | .883 |
| OA2 | -.030 | .109 | -.024 | -.277 | .782 |
| OA3 | -.005 | .090 | -.004 | -.052 | .959 |
| OA4 | -.005 | .084 | -.004 | -.062 | .950 |
| OA5 | -.010 | .074 | -.008 | -.130 | .897 |
| OA6 | -.028 | .078 | -.023 | -.355 | .723 |
| OA7 | -.015 | .085 | -.012 | -.180 | .857 |
| a. Dependent Variable: SEC5 | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 0.675 + 0.376 + (-0.280) + 0.020 + 0.028 + 0.020 + (-0.060) + (-0.117) + 0.200 + (-0.190) + (-0.021) + 0.038 + 0.179 + 0.012 + 0.121 + 0.144 + 0.037 + (-0.174) + 0.112 + 0.037 + 0.063 + 0.075 + 0.602 + (-0.019) + (-0.030) + (-0.005) + (-0.005) + (-0.010) + (-0.028) + (-0.015)

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 0.675. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 1.11 increases in financial knowledge while contributing to 60% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as PR, PR2, SP1, OA1, OA2 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable SEC5.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (AGE)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: AGE | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .449a | .201 | .114 | .67980 | .201 | 2.299 | 34 | 310 | .000 |
| a. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.449, R square 0.201 and adjusted R square is 0.114. This shows the result of independent variable. This standard Error of the Estimate value is 0.67980. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 20.1% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 36.116 | 34 | 1.062 | 2.299 | .000b |
| Residual | 143.258 | 310 | .462 |  |  |
| Total | 179.374 | 344 |  |  |  |
| a. Dependent Variable: AGE | | | | | | |
| b. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 2.299. The significance of the study model is 0.000. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 1.590 | .462 |  | 3.446 | .001 |
| PR1 | -.250 | .084 | -.274 | -2.990 | .003 |
| PR2 | .001 | .077 | .001 | .016 | .987 |
| PR3 | -.005 | .058 | -.007 | -.090 | .928 |
| PR4 | -.003 | .039 | -.005 | -.075 | .940 |
| US1 | -.078 | .074 | -.066 | -1.054 | .293 |
| US2 | .159 | .065 | .163 | 2.457 | .015 |
| FUN1 | -.159 | .089 | -.107 | -1.786 | .075 |
| NOUTG1 | .008 | .067 | .010 | .115 | .908 |
| NOUTG2 | -.043 | .075 | -.052 | -.571 | .569 |
| NOUTG3 | -.020 | .062 | -.027 | -.316 | .752 |
| NOUTG4 | .026 | .042 | .044 | .613 | .540 |
| R1 | -.064 | .061 | -.073 | -1.049 | .295 |
| U1 | .102 | .055 | .122 | 1.839 | .067 |
| U2 | -.060 | .043 | -.080 | -1.394 | .164 |
| OB1 | .099 | .055 | .106 | 1.800 | .073 |
| SEC1 | -.065 | .061 | -.074 | -1.072 | .284 |
| SEC2 | .027 | .067 | .028 | .402 | .688 |
| SEC3 | -.062 | .059 | -.068 | -1.064 | .288 |
| SEC4 | .397 | .104 | .258 | 3.819 | .000 |
| SEC5 | -.084 | .034 | -.139 | -2.502 | .013 |
| PUR1 | .253 | .067 | .303 | 3.797 | .000 |
| PUR2 | -.070 | .067 | -.085 | -1.034 | .302 |
| PUR3 | .084 | .053 | .114 | 1.574 | .116 |
| PUR4 | -.043 | .049 | -.058 | -.870 | .385 |
| PUR5 | -.016 | .050 | -.021 | -.312 | .756 |
| PUR6 | -.017 | .052 | -.022 | -.324 | .746 |
| SP1 | -.090 | .126 | -.043 | -.716 | .475 |
| OA1 | .127 | .077 | .143 | 1.652 | .100 |
| OA2 | .016 | .067 | .021 | .240 | .810 |
| OA3 | -.078 | .054 | -.097 | -1.446 | .149 |
| OA4 | .018 | .050 | .024 | .365 | .716 |
| OA5 | .024 | .044 | .033 | .538 | .591 |
| OA6 | -.008 | .047 | -.011 | -.166 | .868 |
| OA7 | -.040 | .050 | -.051 | -.796 | .427 |
| a. Dependent Variable: AGE | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 1.590 + (-0.250) + 0.001 + (-0.005) + (-0.003) + (-0.078) + 0.159 + (-0.159) + 0.008 + (-0.043) + (-0.020) + 0.026 + (-0.064) + 0.102 + (-0.060) + 0.099 + (-0.065) + 0.027 + (-0.062) + 0.397 + (-0.084) + 0.253 + (-0.070) + 0.084 + (-0.043) + (-0.016) + (-0.017) + (-0.090) + 0.127 + 0.016 + (-0.078) + 0.018 + 0.024 + (-0.008) + (-0.040)

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 1.590. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 0.086 increases in financial knowledge while contributing to 10% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as PR1, US2, SEC4, SE5, PUR1 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable AGE.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (GENDER)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: GENDER | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .398a | .159 | .066 | .47027 | .159 | 1.721 | 34 | 310 | .009 |
| a. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.398, R square 0.159 and adjusted R square is 0.066. This shows the result of independent variable. This standard Error of the Estimate value is 0.47027. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 15.9% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 12.937 | 34 | .381 | 1.721 | .009b |
| Residual | 68.558 | 310 | .221 |  |  |
| Total | 81.496 | 344 |  |  |  |
| a. Dependent Variable: GENDER | | | | | | |
| b. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 1.721. The significance of the study model is 0.009. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 1.021 | .319 |  | 3.199 | .002 |
| PR1 | -.046 | .058 | -.074 | -.786 | .432 |
| PR2 | .073 | .053 | .128 | 1.361 | .174 |
| PR3 | -.019 | .040 | -.039 | -.466 | .642 |
| PR4 | -.008 | .027 | -.018 | -.281 | .779 |
| US1 | .091 | .051 | .114 | 1.774 | .077 |
| US2 | .008 | .045 | .013 | .189 | .850 |
| FUN1 | .063 | .062 | .063 | 1.018 | .309 |
| NOUTG1 | -.044 | .046 | -.087 | -.949 | .343 |
| NOUTG2 | .108 | .052 | .193 | 2.079 | .038 |
| NOUTG3 | .077 | .043 | .156 | 1.795 | .074 |
| NOUTG4 | -.036 | .029 | -.091 | -1.240 | .216 |
| R1 | -.016 | .042 | -.027 | -.380 | .704 |
| U1 | -.028 | .038 | -.050 | -.728 | .467 |
| U2 | .023 | .030 | .045 | .760 | .448 |
| OB1 | .084 | .038 | .133 | 2.195 | .029 |
| SEC1 | -.004 | .042 | -.006 | -.091 | .928 |
| SEC2 | -.031 | .046 | -.047 | -.663 | .508 |
| SEC3 | -.035 | .041 | -.056 | -.851 | .396 |
| SEC4 | .112 | .072 | .108 | 1.565 | .119 |
| SEC5 | .020 | .023 | .048 | .840 | .402 |
| PUR1 | -.081 | .046 | -.144 | -1.763 | .079 |
| PUR2 | .104 | .047 | .188 | 2.242 | .026 |
| PUR3 | -.076 | .037 | -.153 | -2.062 | .040 |
| PUR4 | .028 | .034 | .057 | .834 | .405 |
| PUR5 | .023 | .035 | .045 | .672 | .502 |
| PUR6 | .107 | .036 | .204 | 2.959 | .003 |
| SP1 | .010 | .087 | .007 | .111 | .912 |
| OA1 | -.055 | .053 | -.091 | -1.026 | .306 |
| OA2 | -.039 | .046 | -.075 | -.842 | .400 |
| OA3 | -.019 | .037 | -.036 | -.521 | .602 |
| OA4 | -.048 | .035 | -.095 | -1.387 | .166 |
| OA5 | .011 | .030 | .022 | .351 | .726 |
| OA6 | -.051 | .032 | -.104 | -1.597 | .111 |
| OA7 | .010 | .035 | .019 | .287 | .775 |
| a. Dependent Variable: GENDER | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 1.021 + (-0.046) + 0.073 + (-0.019) + (-0.008) + 0.091 + 0.008 + 0.063 + (-0.044) + 0.108 + 0.077 + (-0.036) + (-0.016) + (-0.028) + 0.023 + 0.084 + (-0.004) + (-0.031) + (-0.035) + 0.112 + 0.020 + (-0.081) + 0.104 + (-0.076) + 0.028 + 0.023 + 0.107 + 0.010 + (-0.055) + (-0.039) + (-0.019) + (-0.048) + 0.011 + (-0.051) + 0.010

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 1.021. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 0.316 increases in financial knowledge while contributing to 35% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as NOUTG2, OB1, PUR2, PUR3, PUR6 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable GENDER.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (QUALIFICATION)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: QUALIFICATION | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .604a | .364 | .295 | .51834 | .364 | 5.224 | 34 | 310 | .000 |
| a. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.604, R square 0.364 and adjusted R square is 0.295. This shows the result of independent variable. This standard Error of the Estimate value is 0.51834. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 36.4% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 47.725 | 34 | 1.404 | 5.224 | .000b |
| Residual | 83.289 | 310 | .269 |  |  |
| Total | 131.014 | 344 |  |  |  |
| a. Dependent Variable: QUALIFICATION | | | | | | |
| b. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 5.224. The significance of the study model is 0.000. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 1.987 | .352 |  | 5.646 | .000 |
| PR1 | -.088 | .064 | -.113 | -1.384 | .167 |
| PR2 | .158 | .059 | .218 | 2.679 | .008 |
| PR3 | .002 | .044 | .003 | .037 | .970 |
| PR4 | -.005 | .030 | -.009 | -.170 | .865 |
| US1 | -.021 | .057 | -.020 | -.364 | .716 |
| US2 | .025 | .049 | .030 | .514 | .608 |
| FUN1 | -.134 | .068 | -.105 | -1.972 | .049 |
| NOUTG1 | .016 | .051 | .024 | .305 | .760 |
| NOUTG2 | -.090 | .058 | -.127 | -1.568 | .118 |
| NOUTG3 | .070 | .047 | .111 | 1.467 | .143 |
| NOUTG4 | -.002 | .032 | -.004 | -.057 | .955 |
| R1 | .202 | .046 | .269 | 4.347 | .000 |
| U1 | .079 | .042 | .110 | 1.868 | .063 |
| U2 | .039 | .033 | .061 | 1.197 | .232 |
| OB1 | -.028 | .042 | -.035 | -.670 | .504 |
| SEC1 | .010 | .046 | .013 | .217 | .829 |
| SEC2 | .072 | .051 | .087 | 1.417 | .158 |
| SEC3 | .028 | .045 | .035 | .621 | .535 |
| SEC4 | .217 | .079 | .165 | 2.742 | .006 |
| SEC5 | -.008 | .026 | -.016 | -.322 | .748 |
| PUR1 | .085 | .051 | .120 | 1.682 | .094 |
| PUR2 | .043 | .051 | .061 | .839 | .402 |
| PUR3 | -.049 | .041 | -.078 | -1.212 | .227 |
| PUR4 | -.012 | .037 | -.018 | -.310 | .757 |
| PUR5 | -.023 | .038 | -.035 | -.596 | .551 |
| PUR6 | -.032 | .040 | -.048 | -.803 | .423 |
| SP1 | -.064 | .096 | -.035 | -.662 | .508 |
| OA1 | -.075 | .059 | -.098 | -1.271 | .205 |
| OA2 | .029 | .051 | .044 | .563 | .574 |
| OA3 | -.087 | .041 | -.127 | -2.139 | .033 |
| OA4 | .025 | .038 | .039 | .649 | .517 |
| OA5 | .048 | .033 | .079 | 1.435 | .152 |
| OA6 | -.041 | .036 | -.066 | -1.162 | .246 |
| OA7 | -.001 | .038 | -.002 | -.030 | .976 |
| a. Dependent Variable: QUALIFICATION | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 1.987 + (-0.088) + 0.158 + 0.002 + (-0.005) + (-0.021) + 0.025 + (-0.134) + 0.016 + (-0.090) + 0.070 + (-0.002) + 0.202 + 0.079 + 0.039 + (-0.028) + 0.010 + 0.072 + 0.028 + 0.217 + (-0.008) + 0.085 + 0.043 + (-0.049) + (-0.012) + (-0.023) + (-0.032) + (-0.064) + (-0.075) + 0.029 + (-0.087) + 0.025 + 0.048 + (-0.041) + (-0.001)

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 1.987. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 0.388 increases in financial knowledge while contributing to 53.3% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as PUR2, FUN1, R1, SEC4, OA3 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable QUALIFICATION.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (OCCUPATION)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: OCCUPATION | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .385a | .148 | .055 | 1.05161 | .148 | 1.590 | 34 | 310 | .023 |
| a. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.385, R square 0.148 and adjusted R square is 0.055. This shows the result of independent variable. This standard Error of the Estimate value is 1.05161. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 14.8% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 59.774 | 34 | 1.758 | 1.590 | .023b |
| Residual | 342.823 | 310 | 1.106 |  |  |
| Total | 402.597 | 344 |  |  |  |
| a. Dependent Variable: OCCUPATION | | | | | | |
| b. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 1.590. The significance of the study model is 0.023. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .554 | .714 |  | .776 | .438 |
| PR1 | -.235 | .129 | -.172 | -1.813 | .071 |
| PR2 | .144 | .120 | .113 | 1.202 | .230 |
| PR3 | .018 | .090 | .017 | .194 | .846 |
| PR4 | .040 | .060 | .043 | .667 | .505 |
| US1 | -.049 | .115 | -.028 | -.427 | .669 |
| US2 | .247 | .100 | .168 | 2.459 | .014 |
| FUN1 | -.029 | .138 | -.013 | -.210 | .834 |
| NOUTG1 | .072 | .104 | .064 | .692 | .489 |
| NOUTG2 | -.172 | .117 | -.137 | -1.470 | .143 |
| NOUTG3 | -.059 | .096 | -.054 | -.617 | .538 |
| NOUTG4 | .035 | .064 | .040 | .547 | .585 |
| R1 | .105 | .094 | .080 | 1.114 | .266 |
| U1 | .086 | .086 | .068 | .998 | .319 |
| U2 | .013 | .067 | .012 | .197 | .844 |
| OB1 | .079 | .085 | .056 | .920 | .358 |
| SEC1 | -.037 | .094 | -.028 | -.392 | .695 |
| SEC2 | -.091 | .103 | -.063 | -.886 | .376 |
| SEC3 | -.020 | .091 | -.014 | -.216 | .829 |
| SEC4 | .285 | .161 | .124 | 1.776 | .077 |
| SEC5 | -.042 | .052 | -.046 | -.807 | .420 |
| PUR1 | .274 | .103 | .219 | 2.661 | .008 |
| PUR2 | -.110 | .104 | -.089 | -1.055 | .292 |
| PUR3 | .063 | .082 | .057 | .767 | .444 |
| PUR4 | -.054 | .076 | -.049 | -.714 | .476 |
| PUR5 | .095 | .078 | .083 | 1.222 | .223 |
| PUR6 | -.004 | .081 | -.003 | -.050 | .960 |
| SP1 | -.092 | .195 | -.029 | -.469 | .639 |
| OA1 | .137 | .119 | .103 | 1.150 | .251 |
| OA2 | -.049 | .103 | -.043 | -.479 | .633 |
| OA3 | -.198 | .083 | -.165 | -2.388 | .018 |
| OA4 | -.018 | .077 | -.016 | -.239 | .812 |
| OA5 | .127 | .068 | .119 | 1.871 | .062 |
| OA6 | .048 | .072 | .044 | .662 | .508 |
| OA7 | -.015 | .077 | -.013 | -.194 | .846 |
| a. Dependent Variable: OCCUPATION | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 0.554 + (-0.235) + 0.144 + 0.018 + 0.040 + (-0.049) + 0.247 + (-0.029) + 0.072 + (-0.172) + (-0.059) + 0.035 + 0.105 + 0.086 + 0.013 + 0.079 + (-0.037) + (-0.091) + (-0.020) + 0.285 + (-0.042) + 0.274 + (-0.110) + 0.063 + (-0.054) + 0.095 + (-0.004) + (-0.092) + 0.137 + (-0.049) + (-0.198) + (-0.018) + 0.127 + 0.048 + (-0.015)

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 0.554. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 0.594 increases in financial knowledge while contributing to 44.8% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as US2, PUR1, OA3 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable OCCUPATION.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (INCOME)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: INCOME | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .467a | .218 | .132 | 1.15772 | .218 | 2.544 | 34 | 310 | .000 |
| a. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.467, R square 0.218 and adjusted R square is 0.132. This shows the result of independent variable. This standard Error of the Estimate value is 1.15772. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 21.8% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 115.933 | 34 | 3.410 | 2.544 | .000b |
| Residual | 415.499 | 310 | 1.340 |  |  |
| Total | 531.432 | 344 |  |  |  |
| a. Dependent Variable: INCOME | | | | | | |
| b. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 2.544. The significance of the study model is 0.000. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .323 | .786 |  | .411 | .681 |
| PR1 | -.309 | .143 | -.197 | -2.170 | .031 |
| PR2 | .113 | .132 | .078 | .860 | .390 |
| PR3 | -.032 | .099 | -.026 | -.318 | .751 |
| PR4 | .003 | .066 | .003 | .044 | .965 |
| US1 | -.039 | .127 | -.019 | -.310 | .757 |
| US2 | .374 | .110 | .222 | 3.383 | .001 |
| FUN1 | .014 | .151 | .006 | .093 | .926 |
| NOUTG1 | .095 | .114 | .074 | .833 | .405 |
| NOUTG2 | -.061 | .128 | -.043 | -.477 | .634 |
| NOUTG3 | -.031 | .106 | -.024 | -.288 | .773 |
| NOUTG4 | .074 | .071 | .073 | 1.039 | .300 |
| R1 | .093 | .104 | .061 | .893 | .372 |
| U1 | .055 | .094 | .038 | .584 | .560 |
| U2 | -.023 | .074 | -.017 | -.306 | .760 |
| OB1 | .080 | .094 | .050 | .854 | .394 |
| SEC1 | .125 | .104 | .082 | 1.210 | .227 |
| SEC2 | -.210 | .113 | -.126 | -1.853 | .065 |
| SEC3 | .106 | .100 | .067 | 1.057 | .291 |
| SEC4 | .239 | .177 | .090 | 1.352 | .177 |
| SEC5 | -.059 | .057 | -.056 | -1.030 | .304 |
| PUR1 | .381 | .113 | .265 | 3.361 | .001 |
| PUR2 | -.023 | .115 | -.016 | -.199 | .842 |
| PUR3 | .092 | .091 | .073 | 1.017 | .310 |
| PUR4 | .002 | .084 | .002 | .028 | .978 |
| PUR5 | -.095 | .086 | -.073 | -1.113 | .267 |
| PUR6 | -.097 | .089 | -.073 | -1.097 | .274 |
| SP1 | -.223 | .215 | -.061 | -1.037 | .300 |
| OA1 | .052 | .131 | .034 | .394 | .694 |
| OA2 | -.120 | .114 | -.090 | -1.055 | .292 |
| OA3 | -.209 | .091 | -.151 | -2.293 | .023 |
| OA4 | -.066 | .085 | -.051 | -.779 | .436 |
| OA5 | .175 | .075 | .143 | 2.348 | .020 |
| OA6 | .142 | .079 | .113 | 1.789 | .075 |
| OA7 | .053 | .085 | .040 | .624 | .533 |
| a. Dependent Variable: INCOME | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 0.323 + (-0.309) + 0.113 + (-0.032) + 0.003 + (-0.039) + 0.374 + 0.014 + 0.095 + (-0.061) + (-0.031) + 0.074 + 0.093 + 0.055 + (-0.023) + 0.080 + 0.125 + (-0.210) + 0.106 + 0.239 + (-0.059) + 0.381 + (-0.023) + 0.092 + 0.002 + (-0.095) + (-0.097) + (-0.223) + 0.052 + (-0.120) + (-0.209) + (-0.066) + 0.175 + 0.142 + 0.053

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 0.323. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield 0.671 increases in financial knowledge while contributing to 49.1% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as PR1, US2, PUR1, OA3, OA5 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable INCOME.

**REGRESSION ANALYSIS OF INDEPENDENT VARIABLE AND THE DEPENDENT VARIABLE (RESIDENCE)**

This section details the Model summary results, the analysis of variance (ANOVA), and present the model coefficient.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1b | . | Enter |
| a. Dependent Variable: RESIDENCE | | | |
| b. All requested variables entered. | | | |

Security and comfort are investigated in this research. Regression analysis was used so as to compute the relative contribute of variables.

**Model summary impact of security and comfort of using ewallet**

This section discusses about the model summary result. The table below provides the model summary.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary** | | | | | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .546a | .298 | .221 | .34772 | .298 | 3.866 | 34 | 310 | .000 |
| a. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | | | | |

Based on the table above that the value indicates an R of 0.546, R square 0.298 and adjusted R square is 0.221. This shows the result of independent variable. This standard Error of the Estimate value is 0.34772. The smaller the level of SEE will make the regression model more accurate in predicting the dependent variable. Therefore 29.8% of the variations of the research data about the average is explained by the model. R coefficient indicates the correlation of study variables.

**Analysis of variance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 15.892 | 34 | .467 | 3.866 | .000b |
| Residual | 37.482 | 310 | .121 |  |  |
| Total | 53.374 | 344 |  |  |  |
| a. Dependent Variable: RESIDENCE | | | | | | |
| b. Predictors: (Constant), OA7, SEC5, FUN1, U1, US2, PR4, U2, SP1, SEC3, OA6, OB1, OA1, OA5, PUR5, OA4, US1, SEC4, OA3, PUR4, NOUTG3, PUR6, SEC1, R1, SEC2, NOUTG4, PUR3, PUR1, PR2, NOUTG2, PUR2, PR3, OA2, NOUTG1, PR1 | | | | | | |

From this analysis of variance indicated under the table above, the F statistic is 3.866. The significance of the study model is 0.000. The analysis was undertaken at 95% level of significance. Therefore, inside the 0.05 confidence interval, thus the study model in thus insignificant. The predictors (independent variables) have an insignificant effect on the dependent variable.

**Model Coefficients**

The model coefficients are presented as below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 2.052 | .236 |  | 8.693 | .000 |
| PR1 | .093 | .043 | .186 | 2.165 | .031 |
| PR2 | -.014 | .040 | -.030 | -.353 | .724 |
| PR3 | -.032 | .030 | -.083 | -1.071 | .285 |
| PR4 | .020 | .020 | .060 | 1.014 | .311 |
| US1 | .001 | .038 | .002 | .039 | .969 |
| US2 | -.028 | .033 | -.053 | -.849 | .397 |
| FUN1 | .051 | .045 | .063 | 1.117 | .265 |
| NOUTG1 | .053 | .034 | .129 | 1.536 | .126 |
| NOUTG2 | -.058 | .039 | -.128 | -1.514 | .131 |
| NOUTG3 | -.008 | .032 | -.021 | -.267 | .790 |
| NOUTG4 | .013 | .021 | .041 | .609 | .543 |
| R1 | .011 | .031 | .024 | .367 | .714 |
| U1 | -.046 | .028 | -.100 | -1.616 | .107 |
| U2 | -.010 | .022 | -.025 | -.467 | .640 |
| OB1 | -.002 | .028 | -.003 | -.058 | .953 |
| SEC1 | -.098 | .031 | -.203 | -3.144 | .002 |
| SEC2 | .030 | .034 | .056 | .872 | .384 |
| SEC3 | -.024 | .030 | -.047 | -.788 | .431 |
| SEC4 | -.004 | .053 | -.005 | -.081 | .936 |
| SEC5 | .018 | .017 | .053 | 1.022 | .308 |
| PUR1 | .041 | .034 | .090 | 1.208 | .228 |
| PUR2 | .007 | .034 | .015 | .200 | .841 |
| PUR3 | .001 | .027 | .002 | .028 | .978 |
| PUR4 | -.069 | .025 | -.172 | -2.740 | .007 |
| PUR5 | -.033 | .026 | -.078 | -1.268 | .206 |
| PUR6 | -.025 | .027 | -.059 | -.943 | .346 |
| SP1 | -.083 | .065 | -.071 | -1.280 | .202 |
| OA1 | .083 | .039 | .172 | 2.110 | .036 |
| OA2 | -.013 | .034 | -.032 | -.391 | .696 |
| OA3 | .002 | .027 | .003 | .056 | .956 |
| OA4 | -.002 | .026 | -.005 | -.082 | .935 |
| OA5 | -.006 | .022 | -.016 | -.272 | .786 |
| OA6 | -.028 | .024 | -.070 | -1.179 | .239 |
| OA7 | .004 | .026 | .010 | .158 | .875 |
| a. Dependent Variable: RESIDENCE | | | | | | |

Based on the above table, the below study’s model is obtained:

Y = 2.052 + 0.093 + (-0.014) + (-0.032) + 0.020 + 0.001 + (-0.028) + 0.051 + 0.053 + (-0.058) + (-0.008) + 0.013 + 0.011 + (-0.046) + (-0.010) + (-0.002) + (-0.098) + 0.030 + (-0.024) + (-0.004) + 0.018 + 0.041 + 0.007 + 0.001 + (-0.069) + (-0.033) + (-0.025) + (-0.083) + 0.083 + (-0.013) + 0.002 + (-0.002) + (-0.006) + (-0.028) + 0.004

According to the Regression model established, taking independent variable constant as zero the dependent variable as a result will be 2.052. This therefore implies that independent variable has a positive relationship to dependent variable where a unit increases in dependent variable will yield -0.155 increases in financial knowledge while contributing to -29.5% contribution to investment decision with a significant 0.05 significance.

As observed in model coefficient table, independent variable such as PR1, SEC1, PUR4, OA1 are having less significance values than 0.05. So, these independent variables have an effect on dependent variable RESIDENCE.