Shrawani Abhyankar
shrawania@gmail.com
8976612495

OBJECTIVE:

To pursue a career in the field of data analysis using capacity and skills obtained in Statistics, Econometrics and Data Science during my academic discourse with subjects such as Advanced Econometrics, Time series Econometrics, etc.

EXPERIENCE:

Working as project manager intern at **Adyanta Financial Consultancy**. Main work is to conduct a financial survey and then carry out analysis based on responses received from the questionnaire.

Projects and Assignment:

1) **Study on parent satisfaction in education system from grade 2 to grade 12.**

- ➤ data size = 480 observations, no. of. variables studied = 17
- ➤ Tests used: correlation coefficient, Z test for proportion for 2 samples.
- ➤ Tool used: MS Office Excel

CONCLUSION: Satisfaction level was different for Mothers and Fathers. Also, proportion of satisfied parents was more than dissatisfied parents.

2) **CAPSTONE PROJECT ON SENTIMENT ANALYSIS:**

- ➤ A detailed analysis of 500 random movie reviews with help of Vader, ChatGPT, golden source and individual ratings.
- ➤ Checked for words that are not in lexicon and thus gave them ratings. Updated those words along with their ratings and ran Vader code.
- ➤ Tests used: CHI SQ test, Paired t test.
- ➤ Tools used: MS Office Excel, Python, Powerbi

CONCLUSION: Ratings differed drastically after adding words that were not present in original Vader lexicon text. It was also found that ChatGPT is better in this case since the ratings of ChatGPT matched with golden source.

3) **Data Analysis Report on Financial Inclusion Insight 2013 and 2018.**

- ➤ A detailed report on Financial Inclusion in India from various angles like zone, gender, financial   situation, smart phone transactions, etc.
- ➤ Tests used: Chi sq test, Z test, Spearman Rank Correlation, Kruskal Wallis Test.
- ➤ Tool used: MS Office Excel

CONCLUSION: There are more mobile transactions in urban areas. Males and females prefer different mode of payment. There is difference between financial situation in northern and

southern India. There is strong relationship between jandhan bank account and ration card holding.

4**) Time Series Analysis using Stata**:

- Data variables: Revenue, Sales, average cost, average quantity.
- Checked for Stationarity of variable across time using Dickey-Fuller test.
- Regressing each variable on time and understanding relationship.
- ACF and PACF to check whether it is AR or MA model.

Other Skills:

- Software Utilities: MS Office Excel, Basics of Python, Basics of MySQL, Stata and Power Bi
- Languages: Marathi, Hindi, English, German (Beginner)
- Completed 9 levels of UCMAS (Maths)

EDUCATION:

DEGREE	YEAR	INSTITUTE	CGPA/%
Pg Diploma in Data Science and Finance	2023	Meghnad Desai Academy of Economics	7.8/10
M.A. Economics	2022	Gokhale Institute of Politics and Economics, Pune	7.85/10(2nd rank in econometrics)
B.A. Economics	2020	D.G Ruparel College	7.82/10
HSC	2017	M.L Dahnukar college	81.85%
SSC	2015	Swami Vivekanand International School (Gorai)	88.60%

Extra-curricular Activities:

- Learning Indian Classical Music (vocal) for the past 15 years. Pursuing Visharad.
- Likes to watch and analyze cricket
- Have cleared Elementary and intermediate drawing examination with A and B grades respectively. Have learnt Mehndi and zentangle design.
- Represented DG Ruparel college as a volunteer and participant in **Arthotsav** inter collegiate event