MD. RAKIB AKON
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EDUCATION

Government Titumir College, University of Dhaka   *January 2019 - 2023*
Bachelor of Science in Statistics (Session: 2018-19)
- Relevant Coursework: Probability, Hypothesis Testing, Categorical Data Analysis, Research Methodology, Econometrics, Time Series Analysis, Regression Analysis, Biostatistics, Demographic Analysis.

Certifications
- Data Analysis with R by IBM, Professional Digital Marketing & Computer Basic Course.

EXPERIENCE

Department of Statistics, Govt. Titumir College   *January 2023 - Present*
Teaching Assistant of 3rd year : (Lab-VI) Intro. to SPSS, (Lab-VII) Regression Analysis and Test of Hypothesis (Using R & SPSS)
- Designed course content and syllabus for courses in Intro. to SPSS, Regression Analysis and Test of Hypothesis using R (programming language) in a ~15% improvement in student performance.
- Conducted assessments, provided feedback, and evaluated student performance, contributing to a ~25% increase in student retention rates.
- Provided one-by-one instruction and assistance to students in understanding complex statistical concepts, resulting in a ~10% increase in student confidence levels.

HRM Automobiles (Car Showroom)   *March 2021 - Present*
Data Analyst
- Conducted data analysis to inform business decisions and improve operational efficiency.
- Contributed to a ~20% increase in sales by identifying customer preferences and developing targeted marketing strategies.
- Improved inventory turnover rate by ~15% by optimizing product mix and demand forecasting.

SKILLS

Data Analysis Software : IBM SPSS, STATA, Microsoft Excel, KoboToolbox.
Programming Language : R .
Computer Basics : Microsoft Word, PowerPoint, Adobe Photoshop.

PROJECTS

Antibiotic Use and Resistance: Knowledge and Attitude and Prevalence of Self-medication of Antibiotics among University Teachers in Bangladesh (Data Analysis Report).
                               SPSS, STATA, Microsoft Excel, Statistical Testing, Regression Analysis
- Conducted data analysis using SPSS and STATA to evaluate the prevalence of self-medication of antibiotics among university teachers in Bangladesh.
- Developed data visualizations, such as charts and graphs, to communicate findings to the research team and stakeholders.
- Conducted statistical tests, including regression analysis, to explore relationships between variables and identify significant predictors of antibiotic self-medication and knowledge/attitudes towards antibiotic use and resistance.

Impact of Work-life balance on Job Performance and Satisfaction in Bangladeshi Organizations (Data Analysis Report).
                               SPSS, Microsoft Excel, Testing Hypothesis
- Performed statistical analyses on a dataset using SPSS for the "Impact of Work-life balance on Job Performance and Satisfaction in Bangladeshi Organizations" project. The project aimed to investigate the relationship between work-life balance, job performance, and job satisfaction among employees in Bangladeshi organizations.
- Data cleaning, manipulation, and visualization using SPSS to ensure the accuracy and reliability of the results. Additionally, I interpreted the statistical outputs and provided insights and recommendations based on the findings.

Running Projects: *1) Prevalence check on Internet Addiction among undergraduate students.*
                2) Unveiling the Effects of Life Satisfaction on Mental Health among Undergraduate Students.

EXTRA – CURRICULAR ACTIVITIES

- Founding General Secretary, Govt. Titumir College Analytics Club. (January-2023)
- Co-Instructor, Govt. Titumir College Research Club, an IBM SPSS workshop for students comes from different domain. (February,2023)
- Data Analytics Instructor, Govt. Titumir College Analytics Club. (May-2023)