Nishtha Kapoor

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PERSONAL STATEMENT

A highly skilled professional with a strong background in business analytics and economics, experienced in research, data analysis, and providing valuable insights for data-driven decision-making.

EDUCATION & QUALIFICATIONS

2021-22 **MSc Business Analytics**
Aston University, Birmingham, UK
Core Modules: Software Analytics (Python & R),
Descriptive Analytics, Data Mining, Performance Analytics,
Effective Management Consultancy, Decision Models   **Merit**

2017-19 **Master of Arts (Economics)**
Central University of Punjab, India
Core Modules: Microeconomics, Macroeconomics,
Quantitative Methods in Economics, Econometrics, Dissertation   **CGPA-7.53**

2014-17 **Bachelor of Arts (Hons) (Economics)**
JDM College, University of Delhi
Core Modules: Microeconomics, Macroeconomics,
International Trade, Statistics   **70.48%**

2013-14 **Class XII (CBSE)**
St. Francis De Sales School, New Delhi   **90.50%**

2012-11 **Class X (CBSE)**
St. Francis De Sales School, New Delhi   **CGPA- 10**

KEY SKILLS

Research & Analysis   Problem-Solving   Data-Visualisation   Business-Acumen Teamwork   Python SPSS
Critical-Thinking   Communication skills   Attention-to-Detail   MS Excel   MS Word   MS Power Point

WORK EXPERIENCE

Research Assistant | Pledge4Earth   **Jan 2023 to Jul 2023**
- Conducted surveys of 100 households to determine green building status.
- Analyzed factors such as building envelope, orientation, insulation, AC systems, and lighting to evaluate energy efficiency.
- Utilized the Econiwas tool to assess energy efficiency, carbon footprint, and monetary savings.
- Generated detailed report on energy, greenhouse gas, and financial savings for each household.
- Identified 30% of households as energy efficient and provided statistical analysis to enhance efficiency for others.
- Established collaborations with government ministries and regulators for sustainable initiatives.

Trade Development Executive | TradeBright   **Apr 2022 to Jun 2022**
- Conducted vital resource research to aid TradeBright´s clients with Market Entry and Access facilitation.
- Assisted team in communication with collaborating institutions/providers and key stakeholders.
- Maintained an up-to-date roster of all projects related contacts and documents.
- Used digital platforms- 'Pipedrive' & 'Teamwork' to identify, organise daily tasks and communicate with team members regarding different projects.
- Managed and maintained research briefs as assigned by supervisor.

Research Intern | Centre for Regional Trade, Ministry of Commerce, India   **May 2018 to Jul 2018**
- Researched & interpreted 5 African countries' schedule of commitments under GATS.
- Examined and tabulated modes of supply across various sub-sectors (services) of these countries using Excel.
- Comparative analysis across countries of common sub-sectors basis market access and national treatment.

Research Intern | Bureau of Energy Efficiency, Ministry of Power, India　　　**May 2015 to Jul 2015**
- Worked on: 'Roadmap for Energy Efficiency Financing Platform' and promoted Energy Efficiency projects under the schemes.
- Objective: To interact with financial institutions & project developers to promote lending for implementation of EEFP and for identification of issues related to this market development
- Drafted a brochure for the Energy Efficiency Financing Platform (EEFP)

Academic Projects

Business Project I September 2022
- Developed a common framework of CSR indicators to guide the strategy formulation of the companies in UK.
- Evaluation of sustainability reports and/ websites of 10 UK companies to check if materiality analysis is incorporated or not and if it was beneficial for the firms.
- Examined if Materiality analysis can assist these companies in UK to identify ESG (Environment, Social & Governance) issues most relevant for the firm.
- Researched and analysed the problem of greenwashing and how can it be prevented.

Exploratory Data Analysis (EDA) Project | (2021)
- Used 'Python' software to explore and analyse 'wages' dataset, after data preprocessing.
- Understood data better by using descriptive statistics & Visualisation techniques (graphs & plots).
- Summarized key findings by using Hypothesis testing.
- Implemented & interpreted linear Regression model; wage being the dependent variable; found the quality of the model.

Business Report- Visualisation & Statistical Analysis of Housing Market| (2021)
- Conducted an analysis on 'Housing Market in Delhi' using data (2021) of a locality with Population Size - 200
- Scatter Plot, Bar Chart & Box plot used to Visualise Data
- Carried out Regression Analysis using SPSS: depicting how 'price' of houses is affected by different dependent variables.

Consulting Assignment- Unemployment & Under-employment of Graduated Youth in India | (2021)
- 'Soft System Methodology' used to explore and analyse the problem situation.
- Created a 'rich picture' depicting the situation & showing relationship between the issues.
- Defined the Key Stakeholders & formulated their purpose statements.
- PESTEL analysis carried out to better understand the situation.
- Compared the desired situation with the current one & provided Recommendations.

Dissertation- Skill and Labour Market Outcomes of Youths in India | (2018-19)
- Conducted analysis on secondary data (around 5 lakh data points) extracted from National Sample Survey using STATA.
- Analysed trends and pattern of youth unemployment in India for the year 2004-05, 2011-12 and 2015-16. & Estimated unemployment rates to be 4.9%, 5.5% & 3.7% respectively.
- Estimated and examined the volume of NEET population in India and its findings.
- Worked and estimated skill gaps among youth according to different types of Education and gender.
- Prepared a 40-page project report & and presented it to the heads of the department.

Early Retirement and its Determinants, Econometrics | (2016-17)
- Analysed the factors responsible for Early retirement amongst individuals for 44 U.S. states from the year 1979-80 using regression analysis: Cross sectional, Time Series and Panel Data

INTERESTS/ AWARDS

• Engaged in choreography for many cultural festivals and events.

• Chancellor's Award recipient for Kathak dance performance at Central University.

• Performed & collaborated with 1700 Kathak dance performers at World Cultural Festival.

• Performed dance in closing ceremony of XIX Commonwealth Games in 2010, New Delhi.