FATIMA TAHIR

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Econometric modeling | Policy Analysis | Data analysis

Work Experiences

Project Assistant, UNFPA Telehealth Project   Nov 2024 – Present

The Indus Hospital

- ➢ Managed and maintained project data, ensuring accuracy and timely updates for informed decision-making.
- ➢ Utilized Power BI to create interactive dashboards and visual reports, enhancing data-driven insights into healthcare facility performance.

Internship, Econometric Modeling Department   Jul 2023 – Aug 2023

Pakistan Institution of Development Economics(PIDE)

- ➢ Improved forecast accuracy by 15% through advanced time series analysis and panel data modeling using EViews.
- ➢ Developed econometric models, increasing data-driven insights by 20%.

Project Lead   Jan 2021 – Dec 2021

Umeed – New School Foundation Project, QAU Chapter

- ➢ Led a project providing free education to 20 students from underprivileged backgrounds.
- ➢ Managed a team of volunteer teachers and raised funds for educational materials.

Education

Quaid-i-Azam University, Islamabad   2020-2024

Bachelor of Science in Economics (3.6/4 CGPA)

Publications

An Empirical Critique of National Tariff Policy 2019-24

Contributed as a Research Assistant in collaboration with the Policy Research Institute of Market Economy (PRIME), focusing on economic policy analysis and data-driven evaluations.

Projects

Validity of Capital Asset Pricing Model:

Conducted statistical analysis on Shell PLC stock and FTSE 100 index returns (2000–2023), using OLS regression to estimate a Beta of 1.11 and an R^2 of 46.24%, indicating a moderate correlation between stock and market returns.

Purchasing Power Parity Hypothesis:

Evaluated the PPP hypothesis between South Korea and the USA (1981–2023) through ARDL modeling and co-integration tests, confirming short-term validity but rejecting long-term stability due to external factors.

Skills

Hard skills: Econometric Modeling, Data Visualization, Statistical Analysis, Data Management, Report Writing

Soft skills: Analytical Thinking, Communication Skills, Teamwork, Time Management, Problem-Solving

Software: Stata (Proficient User), SPSS and EViews (Intermediate User), R (Beginner User), Power BI

Languages: English (Proficient), German (Beginner), Urdu (Native), Punjabi (Mother Tongue)