Ayaan Samiullah Tigdikar

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EDUCATION

London School of Economics and Political Science (LSE), UK   09/2024 – 06/2026
MPA Data Science for Public Policy

- *Year 1 (Completed):* Advanced Empirical Methods, Data Science, Growth Diagnostics, Public Economics, Political Science, Quantitative Text Analysis
- Year 2: Automated Data Visualisation, Capstone Project, Development Economics, Deep Learning, Techniques of Spatial Economic Analysis

King's College London, UK   09/2021 – 05/2024
BSc (Hons) Economics and Management   **First Class Honours (75)**

- ***Award for Academic Excellence (Highest Overall Performance), Award for an Exceptional Dissertation, Best Performance for BSc Economics & Management – Third Year Prize***
- **Undergraduate Research Project** "Spillover Effects from Shocks in Global Value Chains" (80): gathered data from ADB's Input-Output tables and applied complex econometric tools such as synthetic difference-in-difference to understand shocks propagation through international trade.
- **Financial Trading Programme** - *TTC Certificate* – Invested 30+ hours learning about financial products. Analysed stocks on NASDAQ and NYSE by scrutinising companies' capital structure, annual reports and macroeconomic news through Bloomberg Terminal.

Katedralskolan, Uppsala, Sweden   08/2018 - 05/2021
IB Diploma Programme   **41 Points (top 5% worldwide)**

RELEVANT WORK EXPERIENCE

Rho Motion, London, UK   09/2024 – Present
Research Analyst (Part-time)

- Leading meticulous data cleaning and collection efforts on 100+ EV OEMs; automating global EV sales data collection through web-scraping using selenium on Python; critically conducting sanity checks, reporting anomalies, and preparing data for analysis
- Implementing rigorous machine learning models such as K-Nearest Neighbours and Random Forest techniques to generate reliable estimates of EV specifications to inform global battery demand forecasting.

HM Treasury, London, UK   08/2023 – 09/2023
Civil Service Summer Internship

- Handled cost-benefit policy analysis to bolster post-pandemic growth in the UK's £250 billion tourism industry, focusing on enhancing transportation networks in 3 cities, optimising marketing investment, scrutinising VAT tax policy, and improving regional offerings.
- Advised senior analysts on 5 well-funded policy solutions supported with relevant ONS data and case studies.

King's College London, UK   07/2023 – 10/2023
Research Fellow

- Led a 5-member research team to investigate the impact of energy efficiency regulation on the UK rental market for a client.
- Created API requests for EPC certificates, merged, cleaned, and structured data for analysis using SQL (BigQuery) and Python. Ran hedonic pricing models in STATA and synthesised findings in a concise report.

Chatham House, London, UK   06/2022 – 11/2023
Common Futures Conversation Member

- Engaged in collaborative policy ideation and analysis stages with 50+ members across the EMEA region.
- Chosen to present the policy pitch "Digital Solutions for Inclusive Governance" to experts from United Nations.
- Hosted panel discussions with experts on trends in skill polarisation, digital literacy, and the African gig economy.

Tiger of Sweden, Stockholm, Sweden   11/2022 – 02/2023
Business Development Internship

- Under CEO mentorship, structured and analysed Excel data on market penetration in 20 European cities—establishing five industry-specific KPIs, benchmarking against 13 competitors across five functions—and identified six over- and under-penetrated markets.

LANGUAGE AND TECHNICAL SKILLS

- Languages: English (Fluent), Swedish (Fluent), Hindi (Advanced), French (Beginner).
- Python, R, STATA, IBM SPSS, KNIME Analytics, SQL (Basic), Excel, PowerPoint, and other Office applications.