Anil Niraula

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Portfolio: https://aniraula.github.io

PROFESSIONAL PROFILE

Having more than 7 years of experience in full cycle data analysis that includes data collection, data analysis and automating data management workflows (ETL flow), as well as in statistical analysis, machine learning, econometric & actuarial modeling, package development, creating interactive apps.
Software skills: R, RStudio Cloud, MS Office, SQL, Git & GitHub.

PROFESSIONAL EXPERIENCE

Reason Foundation / Washington, DC

- Sr. Quantitative Policy Analyst	*August 2021 – Present*
- Quantitative Policy Analyst	*June 2016 – July 2021*

- Developing internal database app (including R packages, SQL/R functions) to streamline data collection, analysis and management (ETL) workflow for the team
- Working with and developing actuarial models (R & Excel) and running specific forecasting scenarios for different state projects
- Developing and automating (with RMarkdown, Git, and SQL) large PPT presentations for stakeholders, developing customized reports and interactive applications around pension policy

The Heritage Foundation / Washington, DC

- Intern at Center for Data Analysis   *January 2016 - April 2016*

- Collaborated on collecting, analyzing and reporting data on state employment by using statistical software
- Conducted statistical analysis using Synthetic Control Method to estimate long-term policy effects
- Performed literature reviews and co-authored blog posts on education, labor, tax and economic growth

International Monetary Fund / Washington, DC

- Projects Officer   *July 2013 - July 2014*

- Managed several projects on analyzing and forecasting economic and financial data using statistical software
- Conducted econometric modeling and data visualization, while generating and managing more than 8 databases
- Prepared economic reports, summaries and web-based materials for effective communication of project results

Exchange Data International / London, UK

- Researcher   *March 2012 - August 2012*

- Collected, cleaned and analyzed macroeconomic data on majority of Sub-Saharan African countries in a team
- Generated, formatted and managed more than 30 internal data sets, while also conducting post-updates

Consulting Company Moscow / Moscow, Russia

- Financial Consultant   November 2008 - July 2010

- Daily analyzed financial markets' performance using fundamental and technical tools, while providing training
- Provided explicit financial and technical consulting to company clients and informally mentoring potential staff

EDUCATION

- DataCamp / Online: [Data Scientist with R Track](#)   *November 2021*
- Charles Koch Institute / Washington, DC: Professional Management Program   *May 2017*
- The Johns Hopkins University / Washington, DC: MS in Applied Economics   *May 2016*
  - Teaching Assistantships: Financial Institutions, and Business Communication
- University of Edinburgh / Edinburgh, UK: MS in International Business and Emerging Markets   *November 2011*
- Touro University / Moscow, Russia: BS in Business Management and Administration (GPA: 3.67) *September 2008*

QUALIFICATIONS / SKILLS
Advanced knowledge: R / Git / GitHub / PostgreSQL / Tableau / LaTeX / Asana / HTML / MS Office –(Word, Excel(Macros, Pivot tables, Stat. functions), SharePoint, VBA, PowerPoint, Outlook, Access)

Prof. courses:
MS Excel / SQL Server / Data for Social Good

Conferences:
rstudio::global 2021 / Why R? 2021 Conference / Data+Viz Hackathon (Tableau & IMF) / RStudio COnferens / 7th Municipal Finance Conference (Brookings) / 2018 Index of Economic Freedom (Heritage) 100 Years of CES Symposium (BLS)

Languages: Russian (native) / English (bilingual proficiency)