Ryan Timpe

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23 Nash St. #2
New Haven, CT 06511

Qualifications

Master's degree in economics	8 years statistical and econometric modeling	8 years market analysis and research	5 years interactive data visualization development

Experience

International Planning & Research
New Haven, CT | Waltham, MA

Principal Consultant
June 2017– Present
Senior Consultant
March 2012 – June 2017
Consultant
June 2009 – March 2012

Create and maintain technology industry market size and forecasting models from survey data and high-frequency economic data using Bayesian and regression analysis, adaptive optimization techniques, technology diffusion, and domain research. Publish results monthly for executive clients.

Develop web applications in R (Shiny) for automated data analysis, visualization, model reviewing, outlier detection, and other common data tasks. Host regular R, Excel, and data analysis training workshops.

Serve as data visualization team lead for major client deliveries. Design and build fully interactive graphics for use by executives to summarize and explain high-dimensional datasets.

Independent Consulting
June 2016 – Present

Build and maintain collection of interactive dashboards using SQL and R Shiny Server to analyze NHL team and player performance statistics customized to client's needs and definitions.

Complete predictive modeling and visualization on-demand projects, including automated post-game reports in HTML using R Markdown.

Econ One Research
Washington, DC

Senior Analyst, International Arbitration
June 2012 – October 2012

Provided economic and financial analysis to estimate monetary damages used during contract arbitration. Specialized in South American government expropriation of oil, gas, and natural resource assets from multinational corporations.

Developed discounted cash flow models with interactive "what-if" scenario analysis, incorporating contract clauses and national laws.

Technical Skills

Strong
R (+Shiny, +R Markdown),
Excel & MS Office,
SAS, HTML/CSS

Familiar
SQL, Python, Javascript +D3,
VBA, C++, Git, Unix, Tableau

Education

Boston University
BA/MA Dual-Degree Program
May 2009

Master of Arts in Economics
GPA: 3.88
Bachelor of Art in Economics
GPA: 3.65   **Major:** 3.93
Magna Cum Laude

Volunteer

Yale Peabody Museum
February 2014 – Present

Docent for weekend tours and temporary exhibits.

Outreach and events.

Peabody Associates Council, President