# Scott Curtin

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## PROFESSIONAL SUMMARY

Analyst with 19 years of success in federal economic research, statistical analysis, and customer support. Skilled at leading major data initiatives, launching impactful public data products, and managing high-performing teams. Proficient in Python, SAS, SQL, Power BI, and data analysis. Frequently operated as a business analyst—interpreting operational and financial data, establishing budgets, interpreting risk, and collaborating across departments to improve efficiency. My work directly informed leadership decisions and ensured resources were used strategically and in compliance with policy. Contributed to award-winning research on U.S. personal consumption expenditures.

## EDUCATION

* **Professional Master of Science in Business Analytics *(In Progress)***
Florida Atlantic University – Boca Raton, FL
* **Bachelor of Arts in Economics**
University of Maryland – College Park, MD

## CERTIFICATIONS

* Microsoft Certified: Power BI Data Analyst Associate
* Project Management Professional (PMP), PMI
* Python For Managers, Columbia Business School Executive Education

## TECHNICAL SKILLS

* Programming: Python, SAS, SQL
* Data Analytics:
	+ Built Power BI workbooks analyzing expenditure estimates from the Consumer Expenditure Surveys.
	+ Used DAX and Power Query to clean and model data
	+ Developed clear and concise visuals for easy interpretation.
* Data Expertise: Statistical analysis, economic modeling, data validation, metadata management
* Soft Skills: Leadership, communication, technical writing, public speaking

## EXPERIENCE

### Branch Manager, Information and Analysis Consumer Expenditure Surveys

### Bureau of Labor Statistics – Washington, D.C. May 2020 – Present

Business Analytics Experience:

* Analyzed survey operations and branch financial performance, supporting the development and oversight of operating budgets exceeding **$35 million** annually.
* Collaborated with leadership to address a **$2 million forecasted budget shortfall** by recommending cost-saving strategies, such as reducing respondent contact attempts, scaling back regional training, and adjusting statistical weighting. These efforts lowered operational costs while preserving data quality.
* Used Excel and internal systems to monitor expenditures, identify cost overruns, and implement corrective actions, enhancing fiscal accountability.
* Produced monthly performance reports to inform senior leadership and support data-driven decision-making.
* Partnered with the budget office to ensure alignment with financial policies and operational objectives.
* Analyzed staffing trends and operational data to support workforce planning and resource optimization.
* Developed system requirements and contributed to business process modeling to guide improvements in data systems and workflows.

Data Analysis & Research Experience:

* Translated complex economic datasets into actionable insights for senior leadership through executive briefings on U.S. consumer spending trends, influencing national policy.
* Managed the release of key economic outputs—including statistical tables, public-use microdata, and written reports—for the **Consumer Expenditure Surveys**.
* Leveraged tools such as **Python, SQL, SAS, and Excel** to clean, analyze, and visualize large-scale datasets from major federal sources (e.g., **PCE, CPS, ACS, MEPS**).
* Directed documentation and release processes for **10+ data applications**, improving QA accuracy and enhancing team coordination.
* Built and validated analytical models using data from over **60,000 survey respondents annually**, supporting the development of critical economic indicators.
* Co-authored award-winning research, including *“A Distributional Approach to U.S. Personal Consumption Expenditures”* (2024 NABE Abramson Award).

### Supervisory Economist Consumer Expenditure Surveys

### Bureau of Labor Statistics – Washington, D.C. May 2013 – May 2020

* Managed annual release of microdata packages containing 2,000+ variables across 60+ files from dual survey streams.
* Consolidated and modernized 40 years of microdata documentation into a streamlined, accessible format used across teams:
	+ Audited decades of fragmented and inconsistently maintained documentation, identifying redundancies and critical gaps.
	+ Designed a unified structure and implemented standardized formatting, transforming legacy content into a searchable, user-friendly resource.
	+ Enabled faster onboarding for new analysts and improved institutional knowledge-sharing, reducing time spent locating information by an estimated 50%.
	+ Supported both internal and public-facing use, increasing transparency and usability for researchers and stakeholders.
* Built and maintained robust metadata databases covering Public Use Microdata from 1980 to 2019, ensuring long-term data integrity and usability:
	+ Engineered structured, queryable metadata repositories to catalog key variables, formats, and release history for nearly four decades of data.
	+ Collaborated with users to ensure the database met evolving analytical and compliance needs.
	+ Played a critical role in enabling longitudinal analysis by providing consistent reference points across time periods, reducing manual lookup errors and increasing analytical efficiency.
* Implemented a tax estimator into the program’s public use microdata.
* Oversaw technical requirements and validation processes for all survey data applications.
* Led training workshops and responded to complex customer inquiries on survey data usage.

### Senior Economist Consumer Expenditure Surveys

### Bureau of Labor Statistics – Washington, D.C. April 2012 – May 2013

* Coordinated technical requirements, data validation, and publication of public use microdata.
* Developed system requirements modernizing the programs production processes.
* Collaborated with Census Disclosure Review Board to meet strict confidentiality standards.
* Implemented and maintained disclosure avoidance techniques to ensure compliance.
* Contributed to the design of annual user training for microdata workshops.

### Economist Office of Compensation and Working Conditions

### Bureau of Labor Statistics – Washington, D.C. February 2007 – April 2012

* Produced estimates for the Survey of Occupational Injuries and Illnesses (SOII), analyzing patterns across industries and occupations.
* Participated in validation of National Compensation Survey (NCS) outputs such as the Employment Cost Index and national wage/benefit data.
* Collected, analyzed, and documented trends in occupational earnings, benefit provisions, and cost trends.
* Published article 'Alternatives to Frozen Defined Benefit Pension Plans', exploring retirement plan trends and employee impact.

## PUBLICATIONS

* Curtin, S. et al. 'A Distributional Approach to U.S. Personal Consumption Expenditures: An Overview'. Business Economics – NABE Abramson Award, 2024.
* Curtin, S. et al. 'Developing a consumption measure, with examples of use for poverty and inequality analysis', Bureau of Labor Statistics.
* Curtin, S. ' Changing how BLS defines "geographic areas" in the Consumer Expenditure Surveys', Bureau of Labor Statistics.
* Curtin, S. ' Alternatives to Frozen Defined Benefit Pension Plans', Bureau of Labor Statistics.