**Nick Loughran**

Mr. Loughran is an analytics professional offering experience utilizing a modern analytics toolkit and leveraging enterprise data to deliver valuable insights. He provides technical expertise in the field of data science and possesses a strong business acumen to provide both technical and business value to clients.

**Grant Thornton LLP**

*Associate, Global Public Sector (March 2019 - present)*

**Texas Department of Transportation - Enterprise Information Management (EIM) Strategy.** Mr. Loughran was a resource for the TxDOT EIM Strategy engagement based in Austin, Texas. His contributions included developing 50 project artifacts for proposed programs included in a 10-year enterprise data strategy. Mr. Loughran and the Grant Thornton team worked iteratively with the client to develop a strategy in an agile fashion. He performed advanced data analysis and visualized data in dashboards on collected interview data using Tableau, R, and Excel to support strategic plan creation. He was responsible for forecasting costs and labor savings for the entire strategic plan, and generating a comprehensive report of project economics. Team worked closely with business stakeholders, conducting interviews and crafting user stories to tailor strategy to the organization’s needs.

**Utah Department of Transportation - Business Intelligence Support.** Developed dashboards in PowerBI and Socrata visualization tools to support open data platform. Created and managed automated scripts to complete hourly data merges for UDOT’s open data portal. Advised and assisted client on migration from legacy data visualization software. Converted legacy data visualization scripts to the client’s more modernized system. Mr. Loughran leveraged PowerBI, R, Python, FME, and Socrata’s open data portal to support the client’s drive to advanced analytics.

**Texas Lottery Commission - Audit Analytics.** Supported audit team’s contract compliance engagement through trend analysis of incident reporting practices. Performed extensive cleaning and merging of multiple datasets to investigate reporting practices and identify opportunities for improved audit procedures. Mr. Loughran delivered analysis presentation to client and provided expertise to audit team throughout a quarterly audit. Leveraged R, Excel, and Tableau to transform data and visualize results, delivering insights the client had not seen before.

**Indigo Fingers**

*Data Associate (August 2017 - Feb 2019)*

Analyzed cross-industry data on ad-hoc projects and supported business practices using quantitative evidence to validate assumptions. Utilized web-scraping and various other data extraction methods to gather data. Aided the firm in completing analytics projects ranging from exploratory analysis to market exploration. Visualized member data for the Medicare Advantage population using RStudio, Excel, and Tableau. Delivered an easy-to-understand dashboard of member density within US zip codes used for subsequent marketing efforts. Extracted data from CMS and Census websites using web scraping techniques and joined data in RStudio.

**Education**

M.S., Business Analytics, University of Notre Dame, Cum Laude, 2019

B.S., Finance, Purdue University, 2017

**Years of Federal Experience**

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**Training and Certifications**

Tableau Desktop Specialist

**Computer Skills**

RStudio, Tableau, Microsoft SQL Server, Oracle SQL Developer, Microsoft Excel, Microsoft PowerBI, Github, Python, Adobe Photoshop, HTML.

**Teaching**

RStudio Tutor – Investments course, M.S. Finance, University of Notre Dame