

Rachael Phillips

Azure Cloud & Artificial Intelligence, Senior Consultant

Skills and Highlights

<i>Education</i>	Master of Arts Mathematics
<i>Technical Skills</i>	Power BI, DAX, Python, R, Tableau, Spark, Databricks, SQL
<i>Proficient in Azure Services</i>	Synapse Analytics, Machine Learning, Analysis Services, Cognitive Services, Functions, SQL DW/DB, Spark Pools, Databricks, Data Lake Gen2
<i>Certifications</i>	Microsoft Certificate: Azure Data Engineer Associate

Profile

- Data Scientist with 5+ years of experience in data processing, analytics, and modeling
- Full cycle data science planning and development
- Big data ETL processes, databases, serverless SQL pools
- Experience in various industries including Financial, Utilities, Manufacturing and Government
- Experience with various cloud services (Microsoft Azure and Google Cloud Platform)
- Presentation skills to clients, as well as in the technical community (SQL Saturday and Data Science for Women)

Selected Experience

Microsoft 11/2021 – Present

As a Senior Consultant, my duties include:

- Be part of a thriving practice that's constantly looking for ways to improve our customers' experience
- Help translate business requirements into technology requirements for inclusion in contracts and/or statements of work.
- Craft both high-level and detailed design documents and implement innovative solutions using the most recent technologies
- Optimize customer's current data solutions and infrastructure
- Implement large data platform, business intelligence and advance analytics and multi-tier type solutions
- Take a leadership role on projects demonstrating experience handling projects through the entire project lifecycle. This includes running multi-phase/multi-dimensional/multi-resource projects to conclusion while maintaining high customer satisfaction
- Continually learn and grow professionally
- Mentor other consultants to share your knowledge and experience

Tallan 5/2021 – 10/2021

Implement solutions to improve businesses for Data Engineering, Data Science and Data Visualization purposes with multiple clienteles by performing the following:

- Implement and orchestrate Azure Data Factory pipelines
- Move on-premises data to raw container in an Azure Data Lake
- Present code and results to clients in working sessions
- Present to a community Data Science group

Redapt 4/2019 – 4/2021

Implemented solutions to improve their businesses for Data Engineering, Data Science and Data Visualization purposes with several clientele (Manufacturing, Financial, Health, etc.) by performing the following tasks:

- Refactoring and improving python machine learning code
- Porting the code to Azure Machine Learning and improving error estimation
- Writing python code to automate training of multiple models via Auto Machine Learning
- Training clients on implementation of Azure Automated Machine Learning
- Implementing an automated transcription and analysis of wav audio files using Azure cognitive services API calls
- Hands on developing and training with clients

- Developing Azure Analysis Services tabular models on dev, test, and prod servers
- Developing pipelines to process Azure Analysis Services tabular models automatically
- Developing Power BI reports and publishing them to the Power BI Server
- Providing support to team members and clients as needed
- Implementing Power BI for enhancements to better visualizations and analysis
- Providing Power BI and Azure Analysis Services training to clients
- Holding live demos for clients on a regular basis or as needed

Neudesic 6/2016 – 4/2019

Built solutions for one client (Utilities Company) to improve their business through Data Science models.

- Wrote R code to impute values for meter data to improve predictive analytics on transformers
- Wrote code to pull data from Hadoop in Cloudera
- Implemented sentiment analysis using R code and created dashboard in Tableau
- Helped improve documentation classification using different libraries in R
- Used various clustering methods in R to implement customer segmentation
- Worked closely with other data scientists to create reports in Tableau
- Held live demos for the client for multiple projects