

**NISCHAY GUPTA**

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**801-203-0995**

**Arbutus, MD**





**Data Analyst**







**SKILLS**



**SUMMARY**



* Data Analyst with Around 3 years of Experience in data analysis, Design, data management, data warehousing, databases, and data visualization.
* Worked in Agile and Waterfall model, proficient in Software Development Life Cycle (SDLC) which include requirement gathering, development, testing, debugging, deployment.
* Proficient in data analysis techniques using Python and R libraries like ggplot2, NumPy, Pandas, SciPy and visualization libraries like Matplotlib.
* Working knowledge of RDBMS like SQL Server, MySQL, and MS Access.
* Proficient in creating visualizations, interactive dashboards, reports, and data stories using Tableau, and Power BI.
* Working knowledge of Normalization and De-Normalization techniques for both OLTP and OLAP systems in creating Database Objects like tables, Constraints (Primary key, Foreign Key, Unique, Default), Indexes.
* Good knowledge of using Excel and MS Access to dump the data and analyze based on business needs.
* Good knowledge of source controller tools like GIT and accessing JIRA tool and other internal issue trackers for the Project developments.

**Methodologies**: SDLC, Agile, Waterfall

**Languages**: Python, R, SQL

**Libraries:** Pandas, NumPy, Matplotlib, SciPy, ggplot2

**Database**: MySQL, SQL Server, MS Access

**Reporting Tools:** Tableau, Power BI

**Version Control**: GIT

**Other tools:** OLAP, JIRA, MS Office, OLTP

**Operating System**: Windows, Linux





**EDUCATION**

**Master of Science in Information System**

University of Maryland, Baltimore, MD





**EXPERIENCE**

**EDUCATION TITLE / JAN 2009 – DEC 2011**

SUBTITLE OF EDUCATION.

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**Progressive Corporation, MD/ Jan 2021-Current**

Data Analyst

* Followed Agile development methodology within the cross-functional team and acted as a liaison between the business user group and the technical team.
* Involved in the below phases of Analytics using R, Python.
* Cleansed, extracted, and analyzed business data on daily basis and prepared ad-hoc analytical reports using Excel and SQL.
* Used python libraries like NumPy, Pandas, SciPy for data analysis, while visualization libraries like Matplotlib for graphs plotting.
* Developed normalized Logical and Physical database models to design OLTP system.
* Used Tableau to connect data from MySQL, build up visualized reports and analysis.
* Responsible for managing code using GIT for version control with Data analysis team used JIRA for bug tracking.

**Bitinfocom Technologies, India** **/Jan 2017-July 2019**

Data Analyst

* Responsible for Updated Project Managers in daily meeting using Waterfall techniques.
* Implemented data refreshes on Tableau Server for biweekly and monthly increments based on business change to ensure that the views and dashboards were displaying the changed data accurately.
* Worked on several python packages like NumPy, SciPy, Pandas and Matplotlib.
* Import MS Excel data into SQL Server, build up database, insert data into designed tables and create relationships among them.
* Designed, developed, and implemented Power BI Dashboards, Scorecards & KPI Reports.
* Developed Data Mapping, Transformation and Cleansing rules for the Data Management Architecture involving OLTP and OLAP.
* Provided continued maintenance and development of bug fixes for the existing and new Power BI Reports.
* Creating user stories and maintaining and tracking them using JIRA.
* Worked in development environment like Git for continues integrations.

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