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| Carlos A. Diaz | |
| Experience | SEnior Data Analyst – AGILE CENTER OF EXCELLENCE TEAMSilicon Valley Bank, Santa Clara, CA. USA. Remote. Contract Jan 2023 – Mar 2023  Developed reports in SSRS and presented to C-suite executives. Co-created new database in SQL Server. Analyzed data from Jira to identify forecasting inaccuracies from each Pod. Initiated new data sources in SQL Server for Power Bi Project launch. Created new cybersecurity parameters for Power Bi migration. Assisted in refactoring of new database to comply team procedures and generate more value from data for the internal customers. Assisted in the creation of stored procedure to operate as data source for SSRS reports. Troubleshoot, improved and deployed SSRS reports in Visual Studio. Designed pipelines in AWS using Lambda, S3 and visualizations using QuickSight. ACHIEVEMENT HIGHLIGHTS  * **Created a new repository**. Launched a new test repository in SSRS Reporting services server for continuous improvements. * **New report release.** Developed and refactored new release version of current reports in SSRS for C-Suite Executives. * **Initiated new data source script.** Create a new data source in SQL for upcoming Power Bi migration from SSRS and current reports.  Data AnalystHP, INc. San FRancisco, CA. USA. REMOTE. Contract Oct 2022 – Dec 2022  Responsible for creating Standard Operating Procedures (SOP's). Accountable for monitoring the use of Outlook mailbox for their specific EA operational activities. In charge of the HP Architecture Community Directory is for active and inactive HP architects. Responsible for designing the future EA Unit database for the PMO project. Accountable for EA Job Requisition Tracking Report and tracking new Architect hires. Alteryx was used to create automation and visualizations. ACHIEVEMENTS HIGHLIGHTS  * Completed the Architecture Community Directory Definition report. * Developed the Architect Demand Forecast report. * Developed Power Apps to facilitate database update operations.  DAta AnalystALbertsons, Inc. San FRancisco, CA. USA. Remote. Contract Dec 2021-July 2022  Designed, developed, and supported data analytics using power BI service, self-service models, and visualization tools. Developed, published, scheduled reports, to enhance data models and dashboards to meet business requirements. Integrated Power BI reports into other applications using embedded like services or API automation. Worked with data engineers to identify solutions. Analyzed data and presented it to C-Level stakeholders for decision-making. Utilized Snowflake and Adobe Analytics for ad-hoc reports and data extraction. Developed pipelines for vendors in AWS to use as data sources for Snowflake and Power BI reports. ACHIEVEMENTS HIGHLIGHTS  * **Created OKR’s Dashboard for Catalog Group.** Designed and developed self-updating Power Bi App using Snowflake connector. * **Developed weekly MTO Report.** Created weekly report in Snowflake using SQL that self-updates every Monday and sends email to end users using Power Bi. * **Data Governance Project.** Provided leadership and expertise (on premises) DW to new EDW (cloud) switch to Snowflake.  DAta AnalystPublix Credit Union. Lakeland, FL. Remote. Contract May 2021-Oct 2021  Designed, developed, and deployed Business Analytics Dashboards using Power BI and SQL Server, data warehouse. Built compelling, interactive, and actionable reporting on top of structured data models that helped in deriving meaningful business insights from large, complex datasets from EPISYS. Created presentations to stakeholders and C-Level Executives. UiPath was used to create automations of processes.  **ACHIEVEMENTS HIGHLIGHTS**   * **Built automated reports for Fraud Department.** Created a store procedure in SQL to monitor fraudulent transactions. * **Designed Team KPI.** Built the team KPI in Power Bi from Azure DevOps in the cloud. * **Built Forecasting Dashboard.** Created a forecasting tool for the Lending department in Power Bi using Linear Regression, Logistic Regression, and Time Series forecasting, etc.  DAta Analyst **ITDC SOLUTIONS. SANTO DOMINGO, DOMINICAN REPUBLIC. REMOTE. CONTRACT**  April 2020-May 2021  Interpreted data, analyzed results using qualitative techniques and present to Accounting Department. Developed data analyses, data extraction and collection to optimize accounting operations. Managed data warehouse and maintained databases. Created ad hoc reports as needed using tableau and ADM Software.  **ACHIEVEMENTS HIGHLIGHTS**   * **Built automated reports for Accounting Department.** Created SQL reports in ADM Cloud to monitor transactions. * **Created Dashboards in ADM Cloud.** Created visualizations of Sales, Forecasting (Time Series and Linear Regression). * **Developed ad hoc reports.** Created and maintained reports for the different Netflix and Lionsgate movie productions.  DAta Analyst **CARRIER ENTERPRISE. REMOTE. CONTRACT**  Jan 2019–April 2020  Evaluated marketing trends and predictions and researched market conditions to develop sales goals, marketing strategies and forecasting using Python. Analyzed sales team territories and monitored sales programs using Excel, T-SQL, Tableau, Power BI. Used Hadoop for handling Tera data.  **ACHIEVEMENTS HIGHLIGHTS**   * **Developed reports for Inventory Weekly counts and forecast.** Created SQL reports in SQL Server to monitor inventory levels across all 10 stores with respective sales forecast for each store manager. * **Built Ad hoc reports.** Creates reports for managers and directors on specific items for the stores. * **Created KPI for the Sales Department.** Built a workspace specific for the sales department to track individual KPI’s, such as Sales, future deals, pipelines, number of visits and comments.  DAta Analyst **TRANE SUPPLY. HYBRID. FULL TIME**  Feb 2015–Mar 2019  Designed and built Tableau dashboards. Created Executive reports in Excel, Power-Bi and SSRS. Used Pandas and NumPy in python to organize data and present it on Tableau. Maintained data Warehouse in SQL. Created automated reports using SSIS in SQL Server.  **ACHIEVEMENTS HIGHLIGHTS**   * **Developed reports for Inventory Weekly counts and forecasting.** Created SQL reports in SQL Server to monitor inventory levels. Created store procedure to run inventory sheets. * **Created ML Solution to reduce carboard expenses.** Created algorithm for the C-Level executives of the company to demonstrate a change in sizes of boxes would significantly reduce the company footprint and subsequently, expenses. Resulted in a change in sizes and a new foam machine to ship parts, saving the company $1.2M a year in expenses. * **Created a Lead system for the Inside Sales Department.** Created a lead system in Tableau using dormant quotes that helped inside sales associates, follow up with sales. The project helped increased sales 42% ($350K) in 2018. |
| Education | * Associates of Business Administration (A.A)- Miami Dade College. May-1997 * Bachelor of Business Administration (B.B.A)- Kennesaw State College. Oct-2010 * Master of Business (M.B.A) – Business Intelligence- Nova Southeastern Univ – (Fall 2023) (3 classes left) * Associates of Business Intelligence (A.A.S)- Miami Dade College. Dec-2019 * Bachelor of Science (B.S) – Data Analytics- Miami Dade College. May-2021 |
| Skills & interests | Python, C++, R, SQL Server (SSRS, SSIS), SSMS, ETL, NoSQL, AWS, GCP, MongoDB, Big Data, Agile, Databricks, (Hadoop, Hive, Yarn, Pig), API, Snowflake, Snowsight, Spark. Pandas, Pytorch. Tableau, Azure, AWS, A/B tests, Matplolib, Tensorflow, Cloud-based data analysis and Integration. Power Apps, Google analytics. Jupyter Notebook, Deep Learning and ML(scikit- learn), CI/CD pipes, Qlik, Alteryx, UiPath, Looker, JavaScript, Linux, PowerShell, Jenkins, Data Lake, Scala, Kubernetes, Docker, Oracle Database, GitHub and GitLab. |
| Certifications | * Python for everybody 2020 * Business Intelligence Certification 2019 * Machine Learning Foundations 2021 * Big data Specialization 2021 * Azure DevOps 2021 * SQL injections 2023 * Prompt Engineering ChatGPT for Developers 2023 * Mathematics for Machine Learning and Data Science Specialization 2023 * AI for Everyone 2023 |