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Sample Data Analytics Project:

1. https://app.powerbi.com/view?r=eyJrIjoiOTljOTljMjgtYTAzMi00MDFkLThjMDItNDVkYWYxZDUwODEzIiwidCI6IjI1NmVkNTIyLTllMTUtNDE0OS1hMzU0LWIzMzgwM2FjNGI1MCIsImMiOjF9&pageName=ReportSection5c03d78d8c86030d6859

2. https://github.com/erusto/Human-Migration-Reporting-System/blob/main/Human%20Resettlement%20Reporting%20System.py

☰ About Me

I am an experienced business analyst, Systems analyst, database administrator, data analyst, and information management expert with great planning skills and a thorough grasp of project planning, management, and implementation, including establishing project work plans and performing monitoring and evaluation using monitoring and evaluation technologies. Ability to tutor and learn on the job, Accountable for activities, innovative and quickly interacts with others, adaptive and agile Technology awareness and in-depth computer expertise, with experience in data collection, collation, management, visualization, and interpretation of both quantitative and qualitative data, real-time data analysis, and geospatial analysis employing scalable, interoperable, secure, and open source technologies, as well as knowledge in computer networks, application development, cyber security, and Linux systems administration. Direct community contact experience with a strong concern for data security while dealing with others.

💼 Experience

1. Data Migration Quality Assurance Specialist (PWC Nigeria) |**AfricaWork – COTE D'IVOIRE** *Febr 2023 - Current*

- Responsible for all cleansing and migration activities on the program
- Ensure Data Quality, Integrity, Sanity of all migrated data across trial, mock and life cutover.
- Ensure review of business master, subscriber, product order, billing, transaction order and identify redundant data.
- Responsible for the output data migration activities and deliverables
- Perform review of migration plans, and data migration strategy and key data migration documentation
- Verify key Account reconciliations are placed and are performed prior to the migration.
- Confirm that data object within the scope have completely identified.
- Access accuracy and completes of data conversion.
- Review Rigor applied to detailed and open balance cutover.
- Develop a post go live assessment report and documentation.
- Consolidate key recommendations and priorities recommendation efforts.
- Perform review of all procedures on all the data migration activities
- Responsible for cutover activities
- Carry out data certification pre and post migration.

2. IT Freelancer | *October 2022 - January 2023 -**South Sudan***
- Designed databases for different needs using different technologies through design, creation, and testing for different Organizations and companies.
- Designed database standards and policies for organizations and companies and ensured adherence to such policies through follow up and developing monitoring frameworks.
- Implementing and event triggers that alerted on potential database performance or integrity issues.
- Implemented, mentored, and supervised organizations in Performing database housekeeping, such as tuning, indexing, etc.
- Supervised, and mentored organizations in Monitoring usage, transaction volumes, response times, concurrency levels, etc.
- Mentored and supervised organizations in Identifying reporting, and managing database security issues, audit trails, and forensics.
- Implemented database backup, archiving, and storage strategy for different organizations.
- Analyzed, developed, implemented, and monitored Analytic solutions to aid quick decision making
- Formulated framework for requirement gathering and business analysis of software product development for organizations.
- Formulated IT best practices frameworks and facilitated capacity building of organizations staffs on such practices.
- Formulated and facilitated the development of monitoring and evaluation plan for new projects for different organizations
- Mentored organizations and companies in Identifying and resolving software, hardware, and operating-system issues.
- Configured and installed new IT equipment's for organizations and companies and monitored its performance.

3. Health Information Systems Analyst | **Intrahealth International** *-**South Sudan***: *August 2021 – September 2022*
- Interpreted data, analyzed results using statistical techniques and provide ongoing reports.
- Developed and implemented databases, data collection systems, data analytics and other strategies that optimize statistical efficiency and quality.
- Identified, analyzed, and interpreted trends or patterns in complex datasets.
- Filtered and cleaned data by reviewing computer reports, printouts, and performance indicators to locate and correct code problems.
- Collaborated with management to prioritize business and information needs.
- Sourced, facilitated, and define new process improvement opportunities.
- Coordinated and facilitated the gathering of both functional and non-functional requirements for information systems
- Designed users' technical documentation including manuals, reports and case documentation and facilitated their deliver to the different users.
- Mapped and defined the variables that will be included in the system and wrote data dictionaries.
- Managed the front-end aspects of information systems to ensure that systems are user friendly and responsive to the end users.
- Designed and implement data flow maps, and data related standard operational procedures (SOP), and audio-visual podcasts for information systems for different programs for easy use and collaborated the delivery of the product to the end user.
- Moderated and participated in system software design engineering and computer programing.
- Supervised the interoperability of different information systems design work and collaborated with different developers to ensure successful deployment of interoperable systems.
- Collaborate with the in-country teams to design, modify and implement relevant Strategic information data collection tools and systems for site-level staff to conduct routine assessment of data.
- Facilitated systems support and data quality assessments of in-country program data to ensure quality data collection for health data.

4. DATABASE ASSISTANT | **International Organization for Migration**-*South Sudan*: *July 2019 – August 2020*

- Executed views and designed queries to generate timely reports from database. for internal teams and/or external clients
- Structured large data sets to find usable information and used graphs, dashboards, infographics, and other methods to visualize data.
- Collaborated with a team of DBA's, Data analysts and other associates to process information.
- prepared presentations and reports based on recommendations and findings.
- Provided database support and technical assistance to registration, verification, and authentication exercises in the field.
- Participated in data collection and contributed to monitoring and capacity building of the team to ensure the quality of data recorded.
- Mentored and monitored the adherence of team members to IOM Data Protection Policies in all stages of operation.
- Reported and identified areas of improvements and proposed solutions to improve data collection, effectiveness and efficiency of the methodology and the processes to maximize performance and contextualization of DTM field activities.
- Assigned Duties to Data entry clerks, supervised and monitored their performance and adherence the organizations data protection policies.
- Performed system troubleshooting and resolved problems that may arise related to database or applications.
- Performed regular backups and secured storage and transmission of collected data.

5. **IT SPECIALIST | Vision Quest Consults** -*South Sudan February 2019 – June 2019*
- Installed and configured computer hardware, software, systems, networks, printers, and scanners.
- Monitored and maintained computer systems and networks.
- Responded in a timely manner to service issues and requests.
- Provided technical support across the company (this may be in person or over the phone)
- Set up accounts for new users in different organizations.
- Repaired and replaced equipment as necessary.
- Installed and audited new technology.

6. **IT / COMPUTER TRAINER| Humanitarian Development and Consortium** - *South Sudan,* August *2016 – December 2016*
- Prepared Detailed Technical Design Specification for programs.
- Developed and implemented effective lesson plans to cover necessary material.
- Acted as training subject matter expert and provided extensive technical support to different departments.
- Gave Various Advisories to staffs and beneficiaries on existing and new systems.
- Identified training needs and planned classes accordingly.
- Monitored Daily performance of Computer Systems
- Handled all sort of software and hardware Installations.
- Executed computer Troubleshoot to detect issues and formulated ways of solving such problems.
- Setup Computers ready for Training seasons Create standardized and customized reports that analyze everything from quantitative data to sales funnel flows to future needs forecasts.

5. Assistant ICT OFFICER | Relief International-*South Sudan* *August 2014-August 2015*
- Wrote monthly reports on Information Technology activities,
- Tracked inventory of Information system,
- Evaluated new technologies introduced, and formulated recommendations for other technologies.
- Negotiated contracts with different vendors.
- Developed contingency plans in case of network failure.

6. IT INTERN | DELOITE CONSULTS-*South Sudan* June *2013-July 2013*
- Aided at events and planned activities under the supervision of IT manager.
- Performed Hardware repair and maintenance and coordinated their deliver.
- Performed Inventory management.
- Assembled Computers and coordinated their deliver.
- Performed System startup and ensured smooth functionality.
- Performed Software installations and adhered to service level agreement.

Education

1. *Master of Science in IT (Data Engineering)*	ISBAT University Kampala: August- 2021
2. *Bachelor of Science in Applied IT*	ISBAT University Kampala: Jan 2019
3. *Diploma in Computer Science*	Kampala International University: Jun– 2016
4. *Certificate in Computer Science*	Kampala International University: May2012
5. *Uganda Certificate of Education*	Ombachi Self Help Sec School December – 2008

SKILLS

Interpersonal Skills
- Leadership with strong planning,
- Prioritizing
- Critical thinking
- Effective team worker
- Remain Productive even under pressure.
- Honest and Person of Integrity
- Active listener and learner
- Self-motivated
- Quick learner
- Agile and Able to work in extreme conditions.
- Coordination and Monitoring Capabilities

Technical skills
- Database administration (SQL server, MySQL, Oracle Postgres, MS Access, MongoDB Compass, and atlas)
- Geospatial Data Analysis QGIS and ARCH GIS
- Data Analysis and Visualization (Python, Tableau, Microsoft Power BI, SPSS, and Advanced Excel)
- Content Management Systems (Drupal, WordPress, and Evolutility and DHIS2)
- Window and Linux Server Administration
- Application Development (C#, JavaScript and Python)
- Computer Networking (Wired and Wireless)
- ETL (SSIS, 3T Studio for mongoDB and Talend Management Studio)
- Knowledge on Kobo for Data Collection
- Cyber security Knowledge

Certificates

- Prevention of sexual exploitation and abuse (PSEA)
- Supporting Victims of Domestic Violence
- I Know Gender: An Introduction to Gender Equality for UN staff
- Human Trafficking Awareness
- Understanding Sexual Harassment
- Safeguarding Children
- Data Visualization: Storytelling
- Advanced SQL for Data Scientists
- Know Before Human error conquered.
- Analytics Tools - Level 1 - Southern and East Africa
- ArcGIS Pro Essential Training
- Data Ethics: Making Data-Driven Decisions
- Esri ArcGIS Maps for Creative Cloud Extension
- Foundations of Geographic Information Systems (GIS)
- Monitoring, Evaluation, and Learning for Development Professionals (MEAL DPro)
- Cert Prep: Scrum Master
- Emotional Intelligence for Project Managers
- SQL Server Integration Services
- SQL Server: Reporting Services
- Implementing a Data Warehouse SQL Server 2019
- Amazon Redshift Essentials
- Cisco Certified Network Professional (CCNP)
- Cisco Certified Network Associate (CCNA)
- Certificate in Introduction to cyber-Security (CISCO Networking Academy)
- Certificate in Cyber Security Essential (CISCO Networking Academy)

Referees

- Benson Mbogani | *International organization for Migrations (IOM) - South Sudan*
  Position: Database Officer
  Contact +254725836728
  Email: *BMbogani@iom.int* / *benMbogani@gmail.com*

- Kalu-MBA Nanna | *United Nations Population Fund-UNFPA- Iraq*
  Position: ICT for Development Officer
  Contact: +2348034081039
  Email: *nnasco90@yahoo.com*

- Amule David | *World Food Program (WFP) - South Sudan*
  Position: Logistics and Procurement Assistant
  Contact: +211926600041|
  Email: *amule25@gmail.com*