

Syed Waqar Ali Shah

Health Data Analyst

BS. STATISTICS, DIPLOMA BIG DATA ANALYTICS

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Sindh Pakistan.

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With over 10 years of professional experience in the development sector as, public health professional, worked with various UN-WHO, NGOs/INGOs (PPHI & AAP Health Department, CWSA SIF, Acted Pakistan, and SRSP) with expertise in Health **EPI, VPD Surveillance,(Measles, NNT, Diphtheria, Childhood TB, AFP, Pertussis, AEFI)** Nutrition, Maternal & Child Health, DRR, CFW, CFT & GFD, Agri-input and WASH with Project Management with proficiency in all aspects of Supervise the planning and operationalization activity and Program Reporting, Presentations and Monitoring, Evolution

Support in building of capacities of field staffs such as Training EPI MIS & Components and Nutrition as CMAM, SAM, NSC staff, IYCF, BFHI & USI and emerging Project as DRR & WASH,

Also having skill on data management for PEI, public health, Relational Databases. on Data Analysis Verification/Cleaning, synchronizing, sorting, transforming, formatting data , data collection apps, development of database modules, create dashboard on Excel, My-SQL and having skill to extract data from databases of DHIS, MNCH MIS, LHW MIS, Nutrition MIS and Survey methodology as PDM, Baseline, KAP, Pre/Post Survey to Conduct monitoring activities, communicate information, gather data from the field, and follow up on activities in order to get feedback on the quality and relevance of the assistance.

I also have expertise in statistical models/tools in My-SQL, R, Python and SPSS for visualization of data as per need, and making projection trends contributes to the development and advancement of PMU strategies, which are translated into action plans and day-to-day tasks. in humanitarian and developmental sectors.

EXPERIENCE:



**World Health
Organization**

Division Data Analyst at WHO Sukkur Hub

UN-WHO EPI Sindh

01-8-2023 to 31-12-2023

My Major Responsibilities are as under,

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- Implement quality and timely management of data and performance of analyses, as required
- Prepare presentations, based on data analysis.
- Assist in the preparation of historical data to convert onto the latest database formats
- Support in building of capacities of field staffs on emerging data management tools as program demands (EPI MIS, Google sheet, etc)
- Assist in the development of database modules
- Conduct the data with collaboration other stockholders to real-time analysis of outbreak intelligence data, from a broad range of sources including non-health sectors, for epidemic forecasting and detection
- Provide input to communications and information products (situation reports, Health Cluster bulletins, outbreak bulletins etc.) as required
- Analyze, synchronizing, systematize, and disseminate scientific and evidence-based technical information and knowledge; support the development of the WHO Situation Reports,
- Management of real time dashboards, other related regular and ad-hoc surveillance reports.
- Coordinate and manage surveillance technical activities and programs, within the context of the health emergencies program province level
- Collection data from MIS/Google line list of EPI, Measles, NNT, Diphtheria, Childhood TB, AFP, Pertusis, AEFI, indicators to ensure suspected case, investigated cases and lab confirm cases, Death Cases and outbreak

- Collect, tabulate and manage daily/Weekly/Monthly reports on OPDs, referrals, and vaccinations from Integrated Mobile Health Teams by Electronic data or Paper data
- Monitor and ensure compliance (timeliness and completeness) of daily VPD surveillance reports and linelists
- Analysis of Mobile health teams, prepare presentations and communications and share with stakeholders in the district
- Analysis of VPD surveillance data and prepare daily report of cases/outbreaks
- Monitor and ensure that monitors are sending monitoring data (RCA, Observer Checklists)
- Coordinate with District Disease Surveillance Officers (DDSO) for VPD Surveillance/Linelist and triangulate with coverage data
- Using automated tools to extract data from primary and secondary sources
- Maintaining Databases and data systems – reorganizing data in a readable format
- Filter Data by reviewing reports and performance indicators to identify and correct code problems
- Preparing reports for the management stating trends, patterns, and predictions using relevant data
- Preparing presentations for the stakeholders to understand the situation and enabling them to take important decisions based on various facts and trends.



MEAL Officer at Mirpurkhas
Community World Service Asia
 Health-Nutrition

26-4-2023 to 31-7-2023

My Major Responsibilities are as under,

Assessment and Reporting for projects

- Closely monitor humanitarian assistance projects and report progress to the MEAL Coordinator
- Generate Proforma of PDM, Baseline, and Endline Preverification tool by health of purpose as per donor reporting indicator
- Reporting as per need donor to the comparison of indicator, Data cleaning, Data Analyst
- Record and report both qualitative and quantitative aspects of progress against the agreed Indicator Tracking Table and MEAL Framework
- Assist in maximizing the involvement of the project team in meeting their objectives and targets against their specific project proposal/trackers through the establishment of a follow-up system
- Provide support to identify strengths, weaknesses, opportunities, and constraints of the project in the program areas.

Conduct monitoring, develop and Strengthen the MEAL systems

- Preparing report of PDM, Baseline,/Endline, and Preverification, with support of Project proposal for sharing with donor with
- Assist in the implementation of the agreed M&E framework of donor as well as of the organization's MEAL Plan for humanitarian assistance project.
- Develop a proper monitoring tracker and closely follow up with the program team to check whether or not key recommendations given in monitoring reports are being followed
- Assist in the implementation of Complaint Response Mechanism (CRM) of the organization and maintain the Complaints and feedback received, ensuring a timely and appropriate follow-up if needed
- Support project field staff to ensure that projects are carried out with participation from all affected communities (including women) and that information is shared with affected communities.
- Undertake regular visits to the field for data collection, monitoring project implementation activities develop monitoring reports, and identify any course correction/modifications that might be needed in the project implementation as well as the current M&E system and practices for better performance
- Identify, analyze, and synthesize lessons learned from program implementation and facilitate program staff for the incorporation of those lessons into the activity development cycle of the project
- Take the lead in designing tools and conducting surveys such as needs assessment, Pre verification baseline/Endline surveys, Post Distribution Monitoring, Cash Distribution Activity, aaAgri-input, Health, etc.
- Facilitate and assist in monitoring visits of the management and relevant external stakeholder



NIS Assistant at Karachi
Accelerated Action Plan (World Bank)
Health-Nutrition
06-2-2018 to 20-04-2023

My Major Responsibilities are as under,

- To collection information of AAP Health Supply for DHO Office;
- Export data from Health Dashboard as DHIS, MIS MNCH, MIS SLHW, MIS Nutrition;
- Data Entry as per need and create database to visualization of data and reporting purpose;
- To organize training as IEC Marital, Conformation of Nomination of Participants, Hotel Booking for Participant and training Hall;

My Key Role Achievements are as Under.

- Supervise the planning and operationalization of World Bank DLIs in Province Sindh anemic patient of PLW/ adolescent girls, Nutrition OTP for SAM and MAM children and outreach activities for referral case;
- Work closely with DHO, Health staffs to ensure all aspects of the program understood World Bank DLIs in Govt Hospital and referral case SAM, CMAM, PLW, from catchment area of SLHWs program;
- Establish good Relationship with the MS/Store keeper/WMO and other hospital relevant staff at DHQ/THQ/RHC/BHU;
- Collection of AAP Health Supply information from DHOs in all districts of province Sindh, follow-up, letter and direct communication with District Focal Person of AAP-Health regarding utilization of supply at different Health Facilities (DHQ/THQ/RHC /BHU) within a district and for utilization and stock is pre-positioned as planned of AAP-Health Supplies;
- Conduct routine field visits to monitor and provide technical support to ongoing nutrition interventions;
- Export Data for AAP health disbursement linked indicator (DLI)-wise District Health Information System (DHIS) Dashboard, Sindh Lady Health Workers (SLHW-MIS) Dashboard, MNCH-MIS Dashboard, NIMS Dashboard for the purpose of achievement of DLI indicator;
- To plan all activity training, including conformation of participant nominations, site selection, and IEC material.;
- To organize TOT and district Training of NSC, IYCF, CMAM & BFHI and refresher to medical staff at Health Facilities etc.;
- Collect and keep proper and updated record of all nutrition supplements, medicines and equipment of support provided to Nutrition Stabilization Centers/ Health facilities/ therapeutic supplies/Monofor Injection for anemic Woman and adolescent girls in the province Sindh;
- Visualization of Supply of Utilization data, stock positions of PMU, DHO, and HF's, training reports with pre/post training test, and training activity impact;
- Data entry of beneficiaries;
- A comprehensive analysis report of achievement of DLIs including stock position of PMU Office and District Level in monthly, quarterly and annually of SPSS and Python programming languages
- Assisting the Supervisor with preparation of the reports;



NIS Assistant Badin
PPHI Sindh
Health-Nutrition
16-12-2017 to 05-2-2018

My Major Responsibilities are as Under.

- To collection all information from Nutrition OTP of under five year children
- Randomly visit to verified record
- Distributed Supply to Health Facilities and collect information regarding utilization and closing balance at Health Facilities end of the month
- Data Analysis to export from DHIS, MIS MNCH, MIS SLHW, MIS Nutrition Health Dashboard
- Narrative monthly, Quarterly Any Annually
- Case Studies of improvement SAM, MAM children
- To organize training

My Key Role Achievements are as Under.

- Maintain stock register of distribution Supply, opening, utilization, and closing balance of commodity
- Randomly visit at health facilities to Crose checking of stock register to verify distribution with Utilization at Health Facilities utilization of beneficiaries

- Monthly meeting with Nutrition Assistant (N.A) to collect report of SAM, MAM case at OPT and Utilization of Supply,
- Extract Data from Health MIS as DHIS, MIS MNCH, MIS SLHW, MIS Nutrition as per requirement for the purpose of analysis World Bank DLI achievement
- Meeting with other stockholder regarding sharing nutrition data as achievement DLIs
- Field visit to the DHO office and health facilities to physically verify the stock situation of AAP Health Supply in the stock register and the patient data tool book.
- Export Data for AAP health disbursement linked indicator (DLI)-wise District Health Information System (DHIS) Dashboard, Lady Health Workers (LHW-MIS) MNCH-MIS
- Organizer training, including participant nominations, site selection, and IEC material.
- Provide training in Nutrition, Infant young child feeding (IYFC), community management of acute malnutrition (CMAM) and Inpatient treatment of SAM children with complications to nutrition Assistant;
- To facilitate and oversee training at the district level
- Create Database Management System by using My SQL database
- Visualization all report by Trend and Bar graphical using statistical model in SPSS, and Python programming language to forecaster of achievement



SURVEYOR at Badin
ACTED Pakistan.
Research & Development
01-11-2017 to 15-12-2017.

My Major Responsibilities are as under.

- Conduct Post evaluation Survey from Individual Household and Focal Group Discuses (FGD)

My Key Role Achievements are as under

- Organize a focus group and an impact evaluation survey
- To guarantee that data is collected on a daily basis information on given preform as Post survey and FGD from individual House hold
- To ensure that all of the interviews scheduled for the day are completed on a daily basis.
- Inquire about various precise details provided in the survey form.
- Obtain information from a survey, record it, and encode it correctly.
- Ensure that the data is of high quality, with crisp and tidy entries in the forms and no missing information.
- Recognize data collection issues and communicate them to District Field Coordinators, along with a recommended remedy.
- To discuss daily progress, submit completed forms to the District Field Coordinators and Supervisors.



Strategy &
Management
Consultants

Enumerator,
VTT Global (Strategy Management Consultants) Consultants
AGRA Midline & Base Line Survey at Sindh
11-09-2017 to 06-10-2017.

My major responsibilities are as under.

- Organize testing at a suitable location in collaboration with the QCO, randomly select candidates using a sampling process to conduct SRBs on needed qualifications of candidates, and verify that all marking in completed SRBs is clear, exact, and consistent with student responses.
- Objectively and in a courteous and technically/mythological accurate manner, administer the SRB to students.
- Ensure that all completed SRBs are sent to the QCO on a daily basis.



NIS Assistant Badin
PPHI Sindh
Health-Nutrition
04-5-2017 to 31-05-2017.

My Major Responsibilities are as under.

- To collection information of Nutrition from OTP and NSC
- Generate report from Health Dashboard(DHIS & MIS-LHW, MIS-MNCH)
- Organized report and data as will visualization

My Key Role Achievements are as under

- Compile OTP and NSC data report every of months (Admission, Cured, death, default and Discharge) and stock position of supplemental food health facilities wise
- Updating Beneficiaries data (admissions, cures, discharges, and follow-up) of Health Facility using NIS software and Nutrition Database format.
- Generate report form DHIS of Screening of Pregnant and Lactating women and ANC4 visit report form MNCH Dashboard
- Physical verification record and data of OTP and NSC



Data Validator at Karachi

Basic Education for Awareness Reforms and Empowerment / Basic Education for Afghan Refugees, (BEFARe) @Karachi.

I am Karachi & Karachi Youth Initiate (Mid Evaluation Survey)

03-03-2017 to 03-05-2017.

My major responsibilities are as under.

- Ensure that any updated data validation guidelines for interviewing enumerators are followed.
- Compile enumerator data in a slandered manner as it reaches

My Key Role Achievements are as under

- Ensure the validity, authenticity, and completeness of data acquisition.
- Ascertain that the Enumerators comply to international and conventional data collection/research ethics.
- Compare and ponder the outcomes of the validation processes with colleagues on a regular basis, and discuss strategies to increase data gathering accuracy. If such features of improvement are discovered, ensure that the information reaches the Survey team and the Deputy Coordinator.
- Data security during storage and transport, as well as daily backups in accordance with current requirements.
- Observe the interviewing procedure on a regular basis to evaluate the method.
- Ensure that any improved data validation guidelines provided by the technical experts/project management are followed.



DATA ANALYST at Tharparkar

Secours Islamique France, @ Mithi, Tharparkar.

Cash for Training (CFT) Cash For Work, (CFW) & Nutrition

31-8-2016 to 14-1-2017.

My major responsibilities are as under.

- Conduct comprehensive baseline PDMs and end-line assessments
- Design data collection tools and upload them to one or other electronic data capture applications.
- Based on the project proposals, implementation plan, and donor reporting requirements, support the MEAL manager in the development and implementation of a system for capturing and documenting data and relevant information on project activities, beneficiaries, outputs, outcomes, and impacts
- Ensure an effective roll-out of MEAL collection and reporting systems at the base level through training, site visits, manuals, and other technical support as needed
- For Data Analyst & Interpretation, visualization, representation data as well as easily understandable dashboard generation, use programming languages R and SPSS, In a report format, summaries the entered data. Check and sanitize the information you've entered. To sort and cross the data, elaborate statistics tables are used. Closely coordinate with project national office, Doner (WFP), and Stockholder regarding data with the assistance of Project Manager/Base Manager for regular updates within established timescales.
- Work together with Team Leaders to clearly identify Issue and use codes/digits in assessment tools and data formats.
- Overall responsible for all the project related documents in soft and hard format
- Maintain daily and periodic reports with Project's assistance



DATABASE OFFICER at Tharparkar
Secours Islamique Farance, @ Mithi, Tharparkar.
Cash for Training (CFT) Cash For Work, (CFW) & Nutrition
31-8-2015 to 31-12-2015.
My major responsibilities are as under.

- Consolidate daily Cash for Transition (CFT) data from field employees and online data into WFP's daily reporting WOW database software.
- Data Interpretation and clean the data that has been entered; summaries the data in the form of a report; To sort and cross the data, elaborate statistics tables are used. Save the data entries as well as the statistical results on a regular basis.
- All databases and project documents should be backed up.
- Check the quality of the data to be input and notify the supervisor immediately if there are any issues.
- Organize and manage both soft and hard data, including a tracking sheet, by entering data from multiple tools in the agreed-upon format.



Database Supervisor.
Sindh Rural Support Program (SRSP) @Tharparkar. Program
Cash for Work (CFW) Cash For Training (CFT)
01-03-2012 to 15-05-2015
My major responsibilities are as under.

- Work as part of a project team to enter the data in the database and support database development UN-WFP Operation Work (WOW) Software
- Provide assistance to team in preparation of different formats and tools.
- Responsible for cross-checking and entering data collected by the team.
- Ensure regular entry and filing of data into the database.
- Analyze and report regularly to the managers on the progress and inaccuracies of the data.
- Ensure that the data of the hard copies are returned to the respective teams and the ambiguous data forms returned to the respective team member for accuracy.
- Produce and file statistical and graphical weekly and monthly reports to be submitted.
- Answer any queries on database use and management, as appropriate.
- Record keeping of all the hard data and maintaining it
- Any other task assigned by supervisor.

TRAININGS & PARTICIPATION:

NAME OF TRAINING/ WORKSHOP	ORGANIZED BY	FROM	TO	VENUE
District Health Information System (DHIS)	Director General (DG) Health Govt of Sindh	04th Sep-2018	05th Sep-2018	Beach Luxury Hotel Karachi
Prevention and Treatment of Malnutrition through BEHAVIOUR CHANGES COMMUNICATION (BCC)	Nutrition Support Program	12th March-2018	16th March-2018	Beach Luxury Hotel Karachi
Research and Development Department on research of WASH, Nutrition, IYCF & FSL	ACTED Pakistan	01st Nov-2017	06 Nov-2017	ACTED Office Badin
Early Grade Reading Assessment (EGRA)	Management System International (MSI)	01st-Sep-2017	06th-Sep-2017	PC Hotel Karachi
Research Methodology, Basic Biostatistics and SPSS,	Bahria University Medical & Dental College	21st Sept 2016	23th Sept, 2016	Bahria University Medical & Dental College Karachi
How to write and Publish Research Paper in Scientific Journals	Research Center for Training & Development (RCTD).	27th March 2015	28th March 2015	Online Workshop

Information Management	Humanitarian Assistance Information System (IMMAP & USAID)	13th June 2013	14th June 2013	RWF Office Hyderabad
Mastering Survey Methodology	Research Center for Training & Development (RCTD).	27th April 2012	28th April 2012	Online Workshop

SKILLS:

- Working Experience of data collection, analysis and report writing with Government, Development partners and NGOs / INGOs and a good understanding of the existing health systems at provincial and district level and Functional understanding of Relational Databases
- Expertise in Microsoft office especially Word, Excel Access & Power point with experience, Python R, and SPSS Programing for Data analysis and report writing.
- Having knowledge of Statistical model/tool/technique for the purpose of Data Analyst & Survey methodology as Pre/Post, PDM, Baseline and KAP Survey.
- Excellent analytical/IT skills to visualization of data to using programming languages,
- Excellent skills to collecting information primary and secondary data and summaries (Private table, V.lookup Condition, formatting etc.)
- Fluency in English and Urdu with good Communication & written Skills.

Data Strategy	Data Management	Analytics
Enterprise Strategy and Roadmaps Software Evaluation and Selection Data Governance	Data Architecture Cloud Data Integration and Engineering Data Quality	Analytics Implementation and Optimization Modernization Digital Transformation Tool Training

PERSONAL PROFILE:

<u>Father Name</u>	Syed Umer Shah	<u>Marital Status</u>	Married
<u>Date of Birth</u>	10/01/1986	<u>Nationality</u>	Pakistani
<u>CNIC Number</u>	41306-6163562-7	<u>Language Proficiency</u>	English, Urdu, and Sindhi
<u>Religion</u>	Islam	<u>District</u>	Hyderabad

REFEREANCE:

Name	Designation	Organization/Dep	Phone No.	E-mail ID
Dr. Waqar Soomro	EPI Nation Officer	UN-WHO Paksitan	0343232088	soomrowa@who.int
Mr. Muhammad Imran Rajput	Data Analyst	UN-WHO Sub Karachi	+92-333 2632358	mimrandm@gmail.com
Mr. Imran Ahmed	MIS Coordinator	AAP Health Sindh	+92-300-2578757	misco@aaphealth.gos.pk
Mr. Arif Khattack	Finance Officer	AP Health Sindh	+92 336 2558222	fo@aaphealth.gos.pk