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| **BILAL HASSAN KHAN** |

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Islamabad. Pakistan

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| **Highlights of Qualification** |

* 22 years of experience in management, design, analysis, and technical assistance in survey research, application of quantitative research methods, and monitoring and evaluation.
* Strong experience in leading research, training and technical assistance projects.
* Strong analytical skills, including application of survey research methods / quantitative research methods, qualitative research methods.
* Strong technical skills in quasi experimental designs and advance statistical analysis for process / impact evaluation; multiple regression (OLS, logit, count models, duration models etc.), propensity score matching, difference in difference, fixed effect regression, IPTW regression, doubly robust regression, instrumental variables, regression discontinuity designs etc.

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| **Educational Background** |

**Master of Science**  **Oxford University,** Oxford, UK

(Sociology / Social Research Methods)

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| **Graduate courses in Advance Data Analysis/Quantitative Research Methodology** | **Harvard University**, Cambridge, Massachusetts, USA |
| **Brown University**, Providence, Rhode Island, USA |
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| **Bachelor of Arts**  **(4 years)** | **University of Oklahoma**, Norman,  Oklahoma, USA .( Political Science major) |
| **Harvard University**, USA (Visiting Student). |
| **University of California at Berkeley**, USA (Visiting Student). |

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| **Additional Skill Building Courses** |

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| Executive Marketing Research Course | Lahore University of Management Sciences (LUMS) |
| Executive Monitoring and Evaluation Course | Lahore University of Management Sciences (LUMS) |
| Training in Evidence Based Intervention | Oxford University, Department of Social Policy |

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| Certificate in Causal Inference (Impact Evaluation) | Oxford Spring School in Advance Methods |

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| **Areas of Expertise** |

* Monitoring and Evaluation.
* Communication Strategy.
* Survey Sampling Design
* Survey Research; Design, Management, Execution and Analysis.
* Qualitative Research.
* Basic and Advance Quantitative Research.
* Policy Analysis and Advice.
* Evidence Based Data Driven Decision Making and Advising.
* Evaluation Research, Impact, Process and Performance Evaluation
* Training and Capacity Building.
* Behavior Change and Social Mobilization Strategy.
* Statistical Software; SPSS, Stata, R

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| **Sector Experience** |

Rule of Law, Governance, Local Government, Elections, Civic and Voter Education, Militancy, Elementary and Secondary Education, Higher Education, Health, Value Chains, Economic Growth, WASH, Social Protection, Micro Finance, Poverty Alleviation, Economic Resilience, Women Empowerment, Sub National Governance, , Social Audit, Service Delivery, etc.

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| **Professional Experience** |

**Statistician, HEC Employers Perception and Satisfaction Survey, Grant Thornton / Higher Education Commission (HEC) / World Bank, Islamabad, Pakistan, February 2016-March 2016**

* Critiqued, advised and re-conducted basic and advance survey data analysis along with re writing / editing report using HEC Employers Satisfaction Survey data.

**Research and Impact Evaluation Lead Consultant, Impact Evaluation Study of Rule of Law Program (SRLM) in Malakand, United Nations Development Program (UNDP), Peshawar, Pakistan, November 2015 – December 2015**

* Prepared overall research / evaluation design, sampling design, and instrument design, conducted survey enumerators training, conducted quantitative data analysis and wrote report based on impact evaluation survey data using multiple regression methodology.

**Principal Investigator / Statistical Advisor, Baseline Study of Rule of Law in FATA, Devolution Trust for Community Empowerment (DTCE) / United Nations Development Program (UNDP), Islamabad, Pakistan, December 2014 – July 2015**

* Prepared overall research design, sampling design, and instrument design. Supervised and managed all activities including qualitative research (literature review, focus groups, and KII).

**Principal Consultant, Study / Evaluation of Indigenous and Foreign Post Graduate Scholarships, Higher Education Commission (HEC), Government of Pakistan / World Bank, Islamabad, Pakistan, February 2015 – June 2015**

* Prepared overall research design, sampling design, instrument design, conducted online survey of the target population, conducted, analyzed, and managed qualitative research using focus group discussions and in-depth interviews, conducted basic and advance data analysis (OLS regression with lagged dependent variable and negative binomial model for discerning effect of overseas versus indigenous scholarship on individual income and number of international and national publications) and wrote report.

**Statistical Advisor, Impact Evaluation of Microfinance in Punjab and Sindh on Poverty Alleviation, Women Empowerment, and Economic Resilience, ACTED / International Fund for Agricultural Development (IFAD), Islamabad, Pakistan, January 2015 – August 2015**

* Prepared overall research / evaluation design, sampling design, instrument design, conducted enumerators training, oversaw data collection and data entry, and designed quantitative quasi experimental impact evaluation analysis using propensity score matching, double difference using recall and doubly robust regression etc.

**Consultant, Proposal and Presentation to DFID on Impact Evaluation of Media Programs on Television to Reduce Extremism in Pakistani Society, Icarus Incorporated, Islamabad, Pakistan, March 2015**

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* Advised and participated in preparation of research / evaluation design for the impact evaluation study of media programs on television to lower down extremism in Pakistani society.
* Participated in a presentation to the donors and their respective partners to elucidate the research design for the impact evaluation study of media programs on television to lower down extremism in Pakistani society.

**Statistical Consultant, Quantitative Study on Derivers of Conflict in Pakistan, Experience International (EI), Thailand, December 2014**

* Advised EI on their multivariate regression model specification predicting conflict in Pakistan using secondary level data.

**Lead Consultant Baseline Survey / Quantitative Expert, Impact Evaluation of Sub National Governance Interventions in 12 Districts of Pakistan, Orgnex Consultants, Australia / Glow Consultants, Islamabad, Pakistan, / UK Department for International Development (DFID), November 2014 – March 2015**

* Prepared overall impact evaluation research design, sampling design, instrument design, conducted enumerators training, conducted quantitative data analysis and report writing on baseline survey data collected in 12 treatment districts and 6 control districts in Punjab and KPK.

**Consultant, FATA Economic Stabilization Program (ESP), Baseline and Impact Evaluation Design, Abacus Consultants / Creative Associates/USAID, Washington DC, October 2014 – November 2014**

* Prepared concept note, research / evaluation design, sampling design and analytical plan, for USAID FATA Economic Stabilization Program (ESP) Baseline and Impact Evaluation.

**Social Audit / Citizen Report Card Consultant, Coffey International Development / Department for International Development (DFID), Islamabad, Pakistan, June 2014 – October 2014**

* Prepared concept note, research design, sampling design, instrument design, for Citizen Report Card / Social Audit of police performance in Peshawar KPK, Pakistan.

**Director Survey Unit, USAID Monitoring and Evaluation Program / Management System International (MSI) / Coffee International Development, Islamabad, Pakistan, November 2012 – May 2014**

* Directed USAID Monitoring and Evaluation Program (MEP) Survey Unit and prepared rigorous monitoring and evaluation research designs, SOW’s, sample designs, questionnaire deigns, data analysis plans, conducted basic and advance data analysis and wrote various sections of reports for USAID Pakistan projects.
* Managed and directed all survey projects for USAID Monitoring and Evaluation Program / MSI
* Directed, prepared research designs, sampling designs, participated in instrument design, data analysis, and report writing for various USAID monitoring and evaluation projects such as ***HUASP (Housing subsidy program in KP Pakistan), MSP (Municipal services project), Fulbright Scholarship program, KPRP (KP reconstruction program), EGA learning agenda impact assessment, and biyearly monitoring stability survey study in KP and Malakand in Pakistan****.*
* Advised MSI senior management (Monitoring and Evaluation Project), USAID, and USAID partners (MEDA) on baseline survey design and program evaluation research (quasi experimental impact evaluation designs).
* Provided technical assistance (baseline design, sampling, questionnaire, data analysis plan, and data analysis) as technical expert and critique from MSI to MEDA / USAID on their USAID evaluation (performance and impact evaluation) of “***Entrepreneurs value chains impact evaluation” project.***
* Prepared and designed sampling strategy, instrument design, data analysis plan, data analysis, for Stability Index (large scale survey of North, South, Central FATA, and Malakand Division).
* Prepared poverty index using principal component analysis based on the data collected through Stability Index Survey.
* Supervised data collection, data entry, and enumerators training for Stability Index (a large scale survey of North, South, Central FATA, and Malakand Division)
* Provided training and built capacity of USAID, implementing partners, monitoring and evaluation project personnel in survey research and design, impact evaluation, and basic and advance quantitative data analysis.
* Wrote a paper and presented options for impact evaluation designs; with and without a baseline and suggested various analytical approaches (multiple regression, propensity score matching, double difference, doubly robust regression, IPTW regression, fixed effect models, etc.) based on various scenarios, to USAID, MEDA, and their implementing partners.
* Directed and managed surveys and other quantitative work at MSI (USAID monitoring and evaluation program). ***Worked as focal point for quantitative and mixed methods for USAID monitoring and evaluation projects***.
* Prepared research design (Impact Evaluation Design) including sampling plan for treatment and comparison groups (based on power analysis), instrument design, and data analysis plan for ***USAID EGA (Economic Development Agenda) in Pakistan.***
* ***Prepared research design and methodology for USAID KPRP impact evaluation***. Conducted data (secondary) analysis to discern impact of build back better features on enrollment increase in the intervention area using lagged dependent variable model using a secondary panel data of all the schools in the target area.

**Lead Consultant on Baseline Study, Devolution Trust for Community Empowerment (DTCE) / GIZ, Islamabad, Pakistan, October 2012 – November 2013**

* Prepared research design, sampling design, instrument design, conducted quantitative data analysis, and wrote report for a GIZ sponsored baseline (treatment and control areas) in Malakand division for their program on municipal service delivery improvement and gender reforms in Malakand division.

**Consultant on Monitoring and Evaluation, Devolution Trust for Community Empowerment (DTCE), Islamabad, Pakistan, May-June 2012**

* Prepared research design, sampling design, instrument design, and monitoring tools for end term monitoring and evaluation study of Citizen Community Boards (CCB) in various target districts of Pakistan.

**Consultant Need Assessment Surveys, International Rescue Committee (IRC), USA, February 2012 to March 2012**

* Prepared research design, sampling design, instrument design, conducted quantitative data analysis and focus group discussions, and wrote report for need assessment and baseline surveys on protection, hygiene and sanitation interventions in conflict and flood affected districts (Sindh, KPK and FATA) in Pakistan.

**Quantitative Research Specialist, United Nations Development Program (UNDP), Social Audit 2011, Islamabad, Pakistan, December 2011-April 2012**

* Prepared research design, sampling design, instrument design, conducted quantitative data analysis, and report writing for Social Audit (a large scale national survey on local service delivery).

**Consultant, Governance Integrated Network International (GINI) / United States Institute for Peace (USIP), Islamabad, Pakistan, October 2011 – June 2012**

* Advised and designed sampling methodology, research design, instrument design and analysis of the data for an empirical study on linkage between support for militancy and governance issues in Malakand Division KPK, Pakistan.
* Developed an index of militancy support in Malakand Division using factor analysis.

**Senior Consultant, Monitoring and Evaluation Surveys, Management System International (MSI) / Coffey International / USAID, September 2011**

* Advised and built capacity of MSI team on research design, sample design, instrument development and analytical plans for impact assessment and monitoring and evaluation surveys for USAID funded projects in Pakistan.
* Advised and built capacity of MSI team on rigorous quantitative impact assessment and evaluation research designs, suggesting alternatives from “difference in difference”, propensity score matching, panel survey designs, regression models etc, for their planned observational / survey data to evaluate USAID projects in Pakistan.

**Principal Consultant, Knowledge, Attitude, and Practice Survey and Impact Evaluation of WASH / Health and Sanitation intervention, International Relief and Development (IRD) / USAID, Islamabad, Pakistan, April 2011-June 2011**

* Designed sample, executed, analyzed, and wrote report of IRD/USAID Knowledge, Attitude, and Practice Surveyregardinghealth and sanitation in flood affected districts of Sind and KPK. Conducted impact evaluation of IRD interventions in flood affected districts of Sind and KPK using survey data and applying logistic regression to control for various confounders.
* Created counterfactual scenarios using “predict” command in Spost / STATA to present rigorous impact evaluation results.

**Consultant on Research and Analysis, United Nations Development Program (UNDP/DTCE), Islamabad, Pakistan, December 2010-Novemeber 2011**

* Designed methodology for various survey research based studies related to local level governance, Local Council Associations, and local leadership perception.
* Conducted research in various national electoral constituencies on local leadership and election trends using survey research tools.

**Consultant on Impact Evaluation of Village and Neighborhood Councils, UNDP/DTCE, Islamabad, June 2009-September 2009**

* Evaluated the impact of Village and Neighborhood Councils on service delivery improvement in various parts of Pakistan using matching by propensity scoring (Stata and Zelig) and further application of parametric logistic regression on observational/survey data.
* Sampled, designed, executed, and analyzed two surveys; of general public and Village and Neighborhood Councilors in order to understand broad dynamics of Village and Neighborhood Councils.
* Provided expert advice on improving formation, functions, and establishment of Village and Neighborhood Councils based on survey data and evaluation exercise.
* Planned, trained, and managed, research data collection teams.

**Consultant, Governance Integrated Network International (GINI), Islamabad, Pakistan, 2008**

* Analyzed and wrote report on survey data related to income, expenditure, moral hazards and corruption of district level government employees.

**Technical Advisor/Pollster/Consultant-Asia Foundation, Islamabad, Pakistan, 2007**

* Designed questionnaire, research design and the sample for the voter education and political assessment survey based on a national probability sample.
* Processed and analyzed the survey data and wrote report on voter and civic education issues along with democracy in Pakistan.
* Based on probability sampling theory, designed 8000 sample points based on highly representative sample to find out the extent of Election Day rigging (parallel Vote count; a scientific way to monitor elections) in 260 National Assembly constituencies of Pakistan for 2008 National Assembly Elections.
* Designed PPS multistage national sample for Electoral Register Evaluation.
* Advised Asia Foundation and other stakeholders on voter registration, civic education, voter awareness drives, and election day monitoring and observation.

**Consultant on Social Audit, Survey Research and Policy Analysis, NRB, National Reconstruction Bureau and DTCE, Devolution Trust for Community Empowerment/UNDP (United Nations Development Program), Islamabad, Pakistan, 2006-2007**

* Critically reviewed and designed improvement in methodology for “Social Audit” a large scale survey of more than 50,000 households conducted by CIET international, for DTCE (Devolution Trust for Community Empowerment) and NRB. (National Reconstruction Bureau.
* Advised improvement in Social Audit Exercise.
* Designed various evaluation studies and policy analysis exercises for DTCE (Devolution Trust for Community Empowerment)
* Designed and conducted study to understand national trends of monthly income and expenses of various categories of government employees working in the selected departments throughout the country for “pay and pension committee”, of National Reconstruction Bureau, Government of Pakistan.

**Consultant/Pollster; Local Government Elections Project 2005, Pattan Development Organization, funded by DFID, USAID, EU, and SDC, Islamabad, Pakistan, 2005-2006**

* Managed data collection, designed samples, research plans, questionnaires and data analysis methodology for seven national probability surveys for Local Government Elections Project 2005.
* Collaborated with Dr. Karen Buerkley and Rakesh Sharma of Applied Research Center, IFES, Washington DC. USA on the research design of the study.
* Wrote and authored several reports based on the various surveys conducted before and after 2005 Local Government Elections.
* Presented major findings to the donor agencies and the media.
* Planned, trained, and managed, research data collection teams.

**Country Survey Coordinator/Consultant/Pollster, “State of Democracy in South Asia”, coordinated by CSDS (Center for Study of Developing Societies), New Delhi, India, funded by Ford Foundation USA, and IDEA Sweden,** **2004 – 2005**.

* Designed study, prepared sample and the questionnaire for Pakistan for “State of Democracy in South Asia” Project.
* Provided expert opinion in designing sampling plans and data analysis for “State of Democracy in South Asia” (first South Asian barometer survey) for all other South Asian countries (India, Nepal, Bangladesh, Sri Lanka), in collaboration with other international experts from Latin American, European, and East Asian Barometer surveys, during consultative trips to Mount Lavinia, Sri Lanka, Goa, India, and New Delhi, India.
* Provided expert opinion and advice for the first South Asian barometer survey, especially in collaboration with Doctor Anthony Heath, Chairperson, Sociology Department, University of Oxford and Director CREST(Center for Research on Electoral and Social Trends), UK.

**Research Coordinator/Consultant, (Political Parties Assessment in Chakwal, Mardan and Multan), NDI (National Democratic Institute, Washington DC), funded by DFID, 2004**

* Designed and conducted the study of various political parties and their organizations in the three districts of Pakistan through semi structured elite interviews.
* Planned, trained, and managed, research data collection teams.

**Consultant/Pollster, National Reconstruction Bureau, Prime Minister’s Secretariat, Government of Pakistan, 2003 – 2004;**

* Focal Consultant for social research, statistical analysis, and policy advice and analysis
* Analyzed large scale socio-economic data for policy advice related to local government reforms.
* Managed and conducted quantitative socio-political policy studies using sophisticated analytical tools.

**Consultant/Pollster, IRI (International Republican Institute), Washington DC. USA, 2002-2003.**

* Designed research designs and sampling plans for Pre Election, Exit Poll and Post Election Study for general elections 2002.
* Managed data collection, analyzed data and wrote comprehensive reports exclusively on political and electoral behavior in Pakistan with special reference to 2002 general election, based on Pre Election, Exit Poll and Post Election Surveys (national probability surveys).
* Worked as a partner with Gallup Pakistan and PILDAT (Pakistan Institute of Legislative Development and Transparency) on this project.

**Consultant/Pollster and member Local Government Elections 2000/2001, Research Board Pattan (a project funded by DFID British High Commission, Islamabad), 2000-2001.**

* Managed data collection, designed research plan, sampling plans, questionnaires, analyzed data using SPSS, and wrote comprehensive reports based on survey analysis methodology for Local Government elections Project 2000/2001.
* Designed and conducted study on “Training need Assessment of Women Local Government Councilors” for UNDP in collaboration with Pattan Development Organization, who collected the data.

**Opinion Poll Consultant, National Reconstruction Bureau Pakistan, Prime Minister Secretariat, Islamabad, 2000.**

* Conducted an opinion poll on the policy initiatives of National Reconstruction Bureau, Government of Pakistan.

**Political Consultant / Pollster - Pakistan Muslim League, 1993 - 1995**.

* Advised and wrote various strategy papers and analyzed electoral politics in Pakistan based on secondary electoral aggregate data and public opinion polling data.
* Introduced political polling and modern electoral campaign tactics to a major political party in Pakistan.
* Prepared electoral strategy based on survey research and aggregate data analysis for Pakistan Muslim League for 1997 National Elections and 1993 Bye Elections.
* Helped Pakistan Muslim League to win parliamentary elections of 1997 in Pakistan.
* Accurately forecasted 1993 election results for many National Assembly constituencies in Pakistan based on public opinion polling data

**Research Associate- Foundation for Research on National Environment, Security and Defense, Rawalpindi, 1990 – 1992**.

* Participated and contributed towards various research functions of the organization.
* Wrote various research papers on international and national politics.
* Managed and assisted in various research activities of the organization.

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| **Publications, Reports and Workshops** |

* Author; “Baseline Report, Sub National Governance Program in KP and Punjab”, DFID 2015, Islamabad
* Author; “Review of Socio-Economic Results of the HEC Overseas and Indigenous Scholarships Program”, Higher Education Commission / World Bank 2015, Islamabad
* Co-Author; Evaluation of Housing Uniform Assistance Subsidy Project (HUASP), USAID / Management System International (MSI), 2013, Islamabad.
* Co-Author; Evaluation of Fulbright USAID Program, USAID / Management System International (MSI), 2013, Islamabad.
* Co-Author; Evaluation of USAID Municipal Services Program, USAID / Management System International (MSI), 2013, Islamabad
* Author; “Baseline on Governance Reforms”, Devolution Trust for Community Empowerment (DTCE) and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), 2013, Islamabad.

Author; “Environmental Health and Protection Policy Need Assessment and Baseline Survey”, International Rescue Committee (IRC), 2012, Islamabad.

* Author; “Impact Evaluation of WASH Interventions in Post Flooded Communities in Sindh and KP”, International Relief and Development (IRD), 2011, Islamabad.
* Author, “Impact Evaluation of Village and Neighborhood Councils”, United Nation Development Program (UNDP) and Devolution Trust for Community Empowerment (DTCE), 2009, Islamabad.
* Author “Voter Education and Political Assessment Survey Report”, 2007, Asia Foundation, Islamabad, Pakistan.
* Author “Training Needs Assessment of Women Councilors”, 2005, UNDP/Ministry of Women Affairs, Islamabad, Pakistan.
* Regina Birner, Sarfraz Khan Qureshi, Kamiljon Akramov and Bilal Hassan Khan “Decentralization, Local Government Elections and Voter Turnout in Pakistan”, working paper, International Food Policy Research Institute (IFPRI), August 2007, Washington DC, USA.
* Khan, Bilal Hassan, Regina Birner, Sarfraz Khan Qureshi, Kamiljon Akramov. 2006. “Voice and Votes-Does Political Decentralization Work for Poor and for Women? Empirical Evidence from 2005 Local Government Elections in Pakistan.” The Pakistan Development Review” 45:1345-1360
* Co Author along with Regina Birner, Sarfraz Khan Qureshi, Kamiljon Akramov “Decentralization, Local Government Elections and Voter Turnout in Pakistan.” Presented at a meeting of American Political Science Association, Washington DC. August 2007.
* Co Author along with Regina Birner, Sarfraz Khan Qureshi, Kamiljon Akramov, “Voice and Votes – Does Political Decentralization Work for the Poor and for Women? Empirical Evidence from the 2005 Local Government Elections in Pakistan.” Presented at seminars held by NRB (National Reconstruction Bureau) and PIDE (Pakistan Institute of Development Economics), Pakistan.
* Participated as a speaker and attended, “State of Democracy in South Asia”, workshops in Colombo, Sri Lanka and Goa and New Delhi, India and contributed towards research design, questionnaire design, data collection and data analysis aspect of the survey component of Pakistan, India, Bangladesh, Sri Lanka and Nepal at Center for Study of Developing Societies, New Delhi, India.
* Author “Research Study Local Government Elections March 2001 Phase II”, Pattan Development Organization, Islamabad, Pakistan.
* Author “Research Study Local Government Elections Phase III, IV and IV”, Pattan Development Organization, Islamabad, Pakistan.
* Co-Author “Research Study Local Government Elections, Indirect Elections”, Pattan Development Organization, Islamabad, Pakistan.
* Author “Research Study, Politics and Elections in Pakistan: Evidence from Survey Research” 2003.
* Author “Research Study, Local Government Elections”, 2005, Pattan Development Organization, Islamabad, Pakistan.

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| **Capabilities and Skills** |

* Proficiency using SPSS, (Statistical Package for Social Sciences), Stata, and Zelig (R) for social research data processing and analysis.
* Strong proficiency in basic and advance Stata; knowledge of using “Clarify” and “SPost” in Stata to present non linear regression results, “complex sample” analysis for Stata for analysis of complex sample data, and “pamatch2, pscore, for Stata and Matchit” in R for impact evaluations.
* Design research designs, surveys and questionnaires for quantitative and qualitative research studies.
* Manage quantitative data collection; create optimum samples and research designs for quantitative inquires.
* Demonstrated ability to process, analyze, and interpret data; write reports supported by graphs and tables to explain research findings and their implications, based on quantitative and qualitative research data.
* Strong quantitative and statistical ability; can use complex quantitative techniques like cross tabulation, significance testing, measure of associations, ANOVA, bivariate and multivariate OLS regression and correlation analysis, binomial logistic regression, multinomial and ordered logistic regression, probit regression, Poisson and negative binomial regression (count data models), duration models or survival data, multilevel and panel data models, time series cross sectional data, factor analysis, cluster analysis, Latent Class Analysis, propensity score matching, double difference method, IPTW regression, doubly robust regression, randomized controlled experimental designs, ecological inference techniques, and survey raking techniques for survey and impact evaluation data analysis.
* Strong expertise and experience of public opinion polling along with focus group tools. Has been considered as one of the leading pollster in South Asia and has helped survey researchers from across the South Asia to design and analyze public opinion surveys.
* Evaluation research and impact assessment skills based on randomized controlled experimental designs, quasi experimental designs, (propensity score matching (using, nearest neighbor methods, caliper and radius matching, stratification matching, cem matching, genetic matching, etc.) IPTW regression, doubly robust regression, difference in difference methodology, fixed effect models, instrument variable regression, regression discontinuity designs, in observational studies. Knowledge of “MatchIt” in R and “psmatch2” and “pscore” in Stata for simple propensity score matching and regression adjusted propensity matching.
* Demonstrated experience in training and capacity building of enumeration teams and staff for survey design, data collection, data entry processing, and basic and advance quantitative data analysis.
* Working Knowledge of SQL queries and relational databases.
* Working knowledge of data mining, CRM solutions and application of predictive modeling for data mining purpose in various industries like banking, insurance, telecommunications etc; can apply logistic regression, neural networks, nearest neighbor, cluster analysis, for customer scoring, and classification, and for various applications in a company’s customer database/warehouse.

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| **Training / Teaching Experience** |

* Numerous trainings on basic survey research, sampling, data collection methodology; Kish Grid, random number tables usage, right hand rule, instrument administration etc. for survey research data collection.
* Two days intensive training on basic quantitative methodology with the help of **SPSS,** **National University of Science and Technology (NUST), 2009.**
* Two days intensive training on basic social research methodology. **National University of Science and Technology (NUST), 2011.**
* Two days intensive training on basic quantitative methodology and **SPSS,** **Sina Institute, Islamabad, 2011.**

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| **Personal Information** |

* Enjoy reading; listening to music, watching movies, playing bridge, meeting people from all over the world, parties, and social get together.
* Have strong interest and passion for solving and analyzing quantitative problems involving survey and secondary aggregate data. There is a special interest in electoral and social research data analysis.
* Love traveling; have traveled Canada, the United States of America, United Kingdom, France, Holland, Italy, Hungary, Slovenia, UAE, Sri Lanka, Thailand, Turkey, and India.

**Referees**

1. Amir Goraya: Assistant Country Director (Governance Head), UNDP, Serena Business Complex, F5, Islamabad. Phone: 0092-3005017341
2. Mushir Naqvi: Chief Executive Officer, Devolution Trust for Community Empowerment, Islamabad. Ph: 03005017327
3. Mr. Asad Khan: Program Coordinator, Tertiary Education Support Program (TESP), World Bank / Higher Education Commission (HEC), H 8, Islamabad: Phone: 03335300937