

THE PAKISTAN ACADEMY OF ENGINEERING

Free Training Workshop on

“Assessing Data & Information Quality”

12th December 2020, PAE Head Office, Karachi.

Introduction and Background

How good is a company's data and information quality? Answering this question requires usable data and information quality metrics. The collection, analysis and integration of research data and information may result in different errors that can have a variety of negative effects on data and information quality. In order to detect errors at an early stage and treat them efficiently, it is necessary to determine and develop clean-up measures and the new techniques of data cleansing for quality improvement. Data quality assessment (DQA) is the process of scientifically and statistically evaluating data in order to determine whether they meet the quality required for projects or business processes and are of the right type and quantity to be able to actually support their intended use.

This session is targeted to discuss the need and methods of assessing data and information quality.

About Training:

Learning Objectives

1. Define and understand the importance of data and information quality assessment
2. Differentiate between types of tools & methods for measuring data and information quality
3. Understand how to integrate data and information quality assessment with project management
4. Understand the long-term effects of data and information quality assessment on project outcomes

Major Topics of the Workshop

- Importance and need for data and information quality assessment
- The challenges of measuring data and information quality
- Tools & methods for measuring data and information quality
- Integrating data and information quality assessment in projects
- Understand the long-term effects of data and information quality assessment on project outcomes

Who Should Attend

- Engineering professionals
- Junior to mid-level project managers
- Professionals working on data collection and analysis
- Academic and research professionals

Duration: One day – 11:00 am to 12:00 pm

Important Note:

The workshop is free for all. Workshop Link also available on our website.

ZOOM link: <https://zoom.us/j/92181511618>

About The Trainer

Dr. Sundus Ali

Dr. Sundus Ali graduated from NUCES (FAST) with Bachelors in Telecommunications Engineering degree in 2008, where she right away joined as member of faculty and embarked on a career in academics. In parallel to her job, she completed her Masters in Telecommunication Engineering from Hamdard University. During her post graduate studies, she joined the faculty of Electronic and Telecommunications Engineering Department at NED University of Engineering and Technology in 2010, where she is still teaching today as Assistant Professor. She completed her doctorate studies in Electronic Engineering from NED UET, in 2019. Overall she has around 12 years of experience in academics, trainings and research. Her research interests include wireless communication and networks.

The Pakistan Academy of Engineering

The Pakistan Academy of Engineering – PAE was registered on December 20, 2013 at Karachi. PAE was established with the purpose to provide national forum for the discussion of engineering and technological issues currently being faced by the industries of Pakistan. PAE is endeavoring to promote the application of emerging technologies for the benefit of Pakistani nation. PAE provides independent advice on the issues of engineering and technology that addresses many questions of national and strategic importance. We are engaged more efficiently with the public and public policy process to promote strengthening and integration of academia, industry, government and society in the country. We firmly believe that creation of engineering culture in the country is the key source of developing sustainable competitive advantage. To pursue our strategy we regularly conduct studies, symposia and workshops in Pakistan and have got recognition from eminent professionals all over the world.

The Pakistan Academy of Engineering is a member The International Council of Academies of Engineering and Technological Sciences, Inc. – CAETS, USA.



ITAT

This particular workshop is being conducted under PAE's constituent entity Institute for Technology Assessment and Transfer (ITAT).

The Basic objective of the ITAT is to conduct independent and objective analysis, and make an assessment of the potential of future technologies. It will also assess the consequences of introduction of new technologies. Timely attention and relevance to the country will be the over-riding considerations for the conduct of its business.