

# Data Analyst Training

Zero to Hero

## About Training

Data Analyst Online Training program is design and initiate by Mr. Asad Masood Qazi. This training is design to engage the audience with different aspects of data analytics domain. The training is FREE of cost for everyone who want to learn and work on this particular domain.

## Introduction

Data Analyst Training Program is designed for everyone who is interested to become data analyst. This program is not a domain specific. Participants from versatile background like mathematicians, statistician, computer sciences and others can join this program.

## Who Should Attend:

This program starts your learning cycle from Zero (Beginner) level and makes you (Expert). Following are the ideal candidates of this program:

- IT professionals
- Banking and finance professionals
- Marketing managers
- Supply chain network managers
- Beginners in the data engineering domain
- Students in UG/ PG programs

## Learning Outcomes

This program is composition of several courses. So, by the end of this program we will be able to:

- Understand essential statistical concepts, including measures of central tendency, dispersion, correlation, and regression
- Master SQL concepts such as Universal Query Tool and SQL command
- Getting Started with Python for Data Science
- Business Analytics using Excel
- Start Analyzing your Data using Power BI Reports
- Start Analyzing and Visualizing your data using Tableau Dashboards
- Discovering Cloud Data Analytics Platforms like Google Data Studio etc.

## Schedule:

Date / Time of Session	Session No	Topic	Detail	Trainer / Speaker
<b>28<sup>th</sup> March 2020 Saturday</b>	01 & 02	Introduction	Introduction to Data Analytics and Business Intelligence Importance of Analytics Basic Understanding of Data Basics of Statistical and Critical Thinking Collecting Data	Mr. Asad Masood Qazi / Ms. Fizza Khan
<b>29<sup>th</sup> March 2020 Sunday</b>	03 & 04	Statistical Concepts	Getting Started with Data and Data Analysis Statistical Functions for Data Analysis Measure of Central Tendency Statistical Data Visualizations Applications	Ms. Saher Tabbasum / Mr. Asad Masood Qazi
<b>04<sup>th</sup> April 2020 Saturday</b>	05 & 06	SQL	Introduction to Relational Databases Select Statements and Operators (Conditional, Logical, Mathematical) Joins and Types Aggregation and Grouping Different between UNION and UNION ALL	Ms. Maryam Baig / Mr. Asad Masood Qazi
<b>05<sup>th</sup> April 2020 Sunday</b>	07 & 08	Python	Python Basics for Data Introduction to NumPy Data Manipulation with Pandas Visualization with Matplotlib	Mr. Sharjeel Abid Butt / Mr. Asad Masood Qazi
<b>11<sup>th</sup> April 2020 Saturday</b>	09 & 10	Microsoft Power BI	Getting Started with Power BI Connecting Data Create Columns and Measures Create Visualizations Create Reports	Mr. Asad Masood Qazi
<b>12<sup>th</sup> April 2020 Sunday</b>	11 & 12	Tableau	Getting Started with Tableau Tableau as a Business Intelligence tool Create Data Visualizations Create Columns and Measures Create Dashboards	Mr. Asad Masood Qazi

<b>18<sup>th</sup> April 2020 Saturday</b>	13	Google Data Studio	Getting Started with Google Data Studio Exploring Google Studio Differentiate Google Studio with other Tools	Mr. Asad Masood Qazi
<b>19<sup>th</sup> April 2020 Sunday</b>	14	Closing	Summary Detailed Q&A Announcements Closing Remarks!	All Speakers and All Participants

## Speakers

### Asad Masood Qazi

Mr. Asad Masood Qazi is working as Sr. Software Engineer (Data Analytics) at Systems Limited. As a data analytics and Business Intelligence, Asad has more than 05 years of professional experience. As a professional trainer, Asad gives trainings to different several institutes and companies.

Linked In Profile: <https://pk.linkedin.com/in/asadmasoodqazi>

### Sharjeel Abid Butt

Mr. Sharjeel Abid is working as Instructor at International Islamic University Islamabad. He is pursuing PhD with specialization in Machine Learning for Speech Systems. He has been working on Machine Learning and Heuristic techniques with his colleagues @ IIUI and has published research articles utilizing MATLAB and Python.

LinkedIn: <https://pk.linkedin.com/in/neoboy>

### Saher Tabassum

Ms. Saher Tabassum is working at Afiniti. She has a good professional (academics as well as industry) experience in the field of Computer Sciences. She is a critical Thinker, Content Writer, Quality Assurance Professional, dealing with Project management activities and much more.

Linked In: <https://www.linkedin.com/in/saher-tabbasum-5169b6169>

## Maryam Baig

Ms. Maryam Baig is MS Student at National University of Computer and Emerging Sciences. Interests in Big Data Analytics and Machine Learning. Good Knowledge of Databases and Warehousing.

LinkedIn: <https://www.linkedin.com/in/maryam-baig-77a74553/>