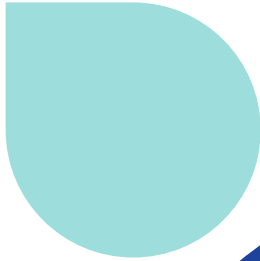




**Education
Nest**



Microsoft Power BI

Certification Course

About the Course

Microsoft Power BI is a renowned data visualization software, currently in demand in the Business Intelligence industry. Helping organizations in transforming their raw datasets into comprehensive and coherent format, Power BI is enabling progress without the need for any programming or technical knowledge.

Education Nest's Power BI Certification course is curated to help you gain expertise in Business Analytics by training you in managing, analyzing, visualizing, and sharing data with others.

This course will teach you to:

- communicate the business-relevant implications of data analysis,
- understand data structuring and analysing better,
- master the tool, its reporting, and data visualization,
- use visualizations in Power BI to streamline your analysis and highlight its implications,
- create effective visualizations that harness the human brain's innate perceptual and cognitive tendencies, and
- convey conclusions directly and clearly by using other Power BI features.



Education Nest

About Education Nest

As a subsidiary of Sambodhi Research and Communications Pvt. Ltd., Education Nest is a global knowledge exchange platform that empowers learners with data-driven decision-making skills. It features online courses designed by experts to help you expand your skills and engage with a global network of learners through live training sessions, case-based learning, and interactions with the best from the field.



About Sambodhi

Sambodhi Research has over 16 years of experience and expertise in creating high-impact knowledge and accountability in the public domain through data science and evidence-based solutions. As an organization with expertise in field building and nurturing outcomes-driven ecosystems, we relentlessly pursue our vision of empowering individuals with the best learning programs. Our focus is to enable each student to emerge as an 'industry-ready' professional, equipped with the tools required for a successful career in Data Analytics.

At a glance

- Duration: 30 hours
- Level of effort: 2 hours per day
- Modality: Online with live-classroom sessions and groups assignments
- Course fee and scholarships: 200 USD or its equivalent in local currency
- Limited & partial scholarships available for candidates based on merit
- Discounts on course fee in case of institutional sponsorships, group enrolments, and for participants from grassroots organizations
- Training by seasoned professionals and experts with 10+ years of experience in Power BI training industry
- Last date for application: 2nd June
- Commence date: 17th June
- Language: English
- Requirements: access to laptop and internet

Course highlights:

- Industry-relevant curriculum designed by industry experts
- 180 hours of instructor-led live virtual training on weekends
- 60 hours of Capstone project and exercises
- 1-year subscription to enterprise-grade Learning Management System (LMS)
- Globally accredited recognition for students
- Availability of scholarships and EMI payment options
- Trainings on weekend to cater to working professionals

Course Andragogy

Designed by seasoned professionals and experts with 10+ years of experience in Power BI, the course will use:

- participatory tools,
- experiential learning with a 'learning by doing' approach,
- interactive lectures and case-studies, and
- reflective group discussions and structured group assignments.

Participants will be divided into groups at the beginning of the course. Each group will work on a unique case study from a sector of their interest such as education, livelihoods, and public health. Learning from each module will be applied to the case studies and group activities in the virtual classroom. At the end of the course, each group will present Power BI tools and learnings from their case study. In the process, the course will foster peer learning, collaboration, and cross-sectional dialogue.

Course Content

Module 1: Get Started with Microsoft Data Analytics

- Data Analytics and Microsoft
- Getting Started with Power BI

Module 2: Getting Data in Power BI

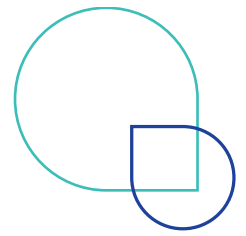
- Data Analytics and Microsoft
- Optimize Performance
- Resolve Data Errors

Module 3: Cleaning, Transforming, and Loading Data in Power BI

- Shaping the Data
- Profiling the Data
- Enhance the data structure.

Module 4: Design a Data Model in Power BI

- Introduction to data modelling
- Working with tables
- Dimensions and Hierarchies



Module 5: Create Model Calculations using DAX in Power BI

- Introduction to DAX
- Real-time dashboards
- Advanced DAX

Module 6: Optimize Model Performance in Power BI

- Optimize the data model for performance.
- Optimize Direct Query Models

Module 7: Create Reports in Power BI

- Design a report
- Enhance the report

Module 8: Create Dashboards in Power BI

- Create a dashboard
- Real-time dashboards
- Enhance a dashboard

Module 9: Identify Patterns and Trends in Power BI

- Advanced Analytics
- Data Insights through AI visuals

Module 10: Create and Manage Workspaces in Power BI

- Creating workspaces
- Sharing and managing assets

Module 11: Manage Files and Datasets in Power BI

- Parameters
- Datasets

Module 12: Row-level Security in Power BI

- Security in Power BI

Requirement for course completion

Education Nest will provide a certificate to the participants upon successful completion of the course. This will require:

- 50% classroom attendance,
- active class participation,
- a minimum 50% score on module-wise assessments, and
- submission and assessment of final project work

Training Methodology

This training has been designed as an instructor-led participatory program to encourage experiential learning for participants. Our training methodology is underpinned by andragogical principles of peer learning and learning-by-doing that gives an understanding on how data can be transformed by cleaning, pivoting, splitting, and merging techniques.

By the end of this course, participants will be able to:

- manage a large amount of data seamlessly,
- understand how to establish connection with data and perform various data preparation steps for visualizing it,
- discover new ways of analysing data through various features in-built in Power BI,
- integrate and visualise data in a better manner,
- create personalized, dynamic visualizations through parameters,
- develop interactive dashboards using actions,
- explore good design practices for dashboards,
- learn to publish and share dashboards and manage permissions to the published data, and
- Get hands-on expertise on various tips and tricks with Power BI.

This course will open domains that include roles such as **Power BI developer, data analyst, Power BI consultant, business analyst, software engineer and business intelligence developer.**

Each week, there will be 2 hours of online classes on Saturday and Sunday conducted by course facilitators, with an hour of self-paced reading, assignments, or project work.

Who Can Apply

Persons who work with data regardless of technical or analytical background

Persons of all nationalities

Persons with 1-6 years of relevant experience

If you present data to others, aspire to be a business analyst or data scientist, or want to become more effective with visualization tools, then you can grow your skills with this course. There are no pre-requisites for this online training course. However, prior knowledge of R language and basic concepts related to data analytics and SQL will be helpful.



Scholarship And Fees

The course is priced at USD 200 which can be paid in easy instalments and any currency. To enhance access to the course, especially for early-career professionals, we will offer:

- partial scholarships to a few participants (request for a scholarship must be specified in the application form),
- discounts in case of any institutional sponsorship and group enrolments, and
- discounts to participants working with grassroots organizations in the Global South



To Apply Contact Us



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