Neotia Skill Development Academy

Skill India
कौशल भारत - कुशल भारत

Welcome to the Exciting World of Future Skills.
Opportunity to make a career in the fourth industrial revolution led by digital business transformation. With dearth of skilled resources, you will be in demand.

Data Analytics & Data Visualisation Using AI

Value Proposition

- ❏ **350 Hours (6 months) of intensive course**
- ❏ **This course has uniqueness in terms of providing three basic tools - Power BI, Tableau, AI tools**
- ❏ **In depth use of statistical analysis for data analytics**
- ❏ **Application of analytics in two Industry- Healthcare and FMCG with data**
- ❏ **Application of analytics for three business verticals - Sales, HR and FInance**
- ❏ **Capstone projects and several assignments and hands on exercises**
- ❏ **Provides understanding and hands on use of AI tools including how CHAT GPT can be maximised for data analytics**
- ❏ **Huge gap in user Industry for skilled resources in Analytics to facilitate digital transformation of business.**
- ❏ **Opportunity to Upskill for those in ITeS space seeking enhancement in career and freshers to build career**

What Industry Is Looking For

- ❏ Capability to use of evolving analytics tools and techniques to perform data analysis (like using advanced MS Excel tools, application of advanced statistical analytics tools for data analytics),
- ❏ Ability to create high impact data visualizations using Tableau and power BI, that facilitate business decisions.
- ❏ Understanding and using of regenerative AI tools for facilitating data analytics to support business transformation,
- ❏ Assist in designing and developing programs and how to use all of these in a business environment,
- ❏ Hands on with application of such analytics in some select industry.

Why This Course

- ❏ Digital penetration in recent years has made data flow streams in such a pace that were not thought of. As a result many business decisions are centered around business analytics through the right kind of data analytic tools.
- ❏ Accordingly this program has been designed to learn the use of analytics tools to perform data analysis using advanced Excel tools, application of advanced statistical analytics tools, create high impact data visualisations using Tableau and power BI, apply analytics to design programs and how to use all of these in a business environment

Who Can Join

- ❖ **Graduates and Graduating students**
- ❖ **Engineering, Technology graduates and graduating students who wish to make a career in Future Skills**
- ❖ **Business School students who wish to make a career in emerging technology domain**
- ❖ **IT professional for making career progression**
- ❖ **Corporate professionals to upskill themselves**

Age - 18 to 45

Other Requirement

- ❖ **Working Knowledge and Basic Understanding of Excel**
- ❖ **Basic knowledge in statistics**
- ❖ **Students Require to have Laptop/ Desktop with latest web browser and internet connectivity.**

Training Methodology

- ❖ **Live classes with presentations, demonstrations, case studies in virtual mode supported by some class room delivery**
- ❖ **Hands-on exercises**
- ❖ **Use of demo data set**
- ❖ **Application in two Industry segments - Healthcare & FMCG**
- ❖ **Assignment based learning for use of appropriate tools for three business verticals in these industries - Sales, HR and Finance**
- ❖ **Capstone projects at the end of the program**
- ❖ **Study materials available in a LMS**

Use of Software tools

- ❖ **Advanced Excel with statistical applications**
- ❖ **Power BI, Tableau**
- ❖ **Regenerative AI Tools and use of CHAT GPT**
- ❖ **No prior knowledge of tools are necessary except basic Excel**

What You Learn and Get Skilled In

- ❏ Introduction to Future Skills, Artificial Intelligence and Big Data Analytics -
- ❏ Data Science Fundamentals and use in business decisions - Collating data from multiple data sources using appropriate software tools and data cleaning
- ❏ Data Analytics using Advanced Excel tools -
- ❏ Statistics Essential for data science and business decisions support and Select the most suitable models based on whether the data is structured or unstructured
- ❏ Data Visualization and data driven business storytelling using Power BI
- ❏ Data Visualisation using Tableau including Dashboards to facilitate business decision
- ❏ Data Analytics and Visualization Applications in functional areas - a) Sales and Marketing, b) HR, c) Finance for two industry verticals
  - ❏ Healthcare and and FMCG
- ❏ Application of Generative AI using ChatGPT and other AI Tools for Data Analytics and Visualization
- ❏ Using Data Analytics as support for business decisions
- ❏ Capstone Project

Knowledge Partner

Offered In Collaboration with

RAMAKRISHNA MISSION VIDYAMANDIRA

Differentiation

- ➤ **Course is focused to business analytics that will facilitate decision**
- ➤ **It's not a course to teach the 3 major tools covered - Power BI, Tableau and Statistical tools. Covered to the extent required for use of analytics to support business decision**
- ➤ **Integrated with latest use of Generative AI and Chat GPT in analytics**
- ➤ **Use of demo data and series of assignments for three major business verticals**
- ➤ **Workplace readiness** - working in a team, how to behave in a professional workspace

Trainer Profile

All experienced trainers having hands on experience on using the tools and functional experience. Program Director, Mr Pankaj Roy Gupta is a well known Data Scientist with credential for AI based application development and business analytics

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Call Us At
70444 74443 | 8296654950

Mail Us At
info@neotiaskill.com

DATA SCIENCE

Learning Outcome

After completing this programme, participants

- Will be able to implement processes and layouts for complex, large-scale data sets used for modeling, data mining, data management, manipulation, and research purposes.

- Can discharge responsibilities connected to designing and implementing statistical data quality procedures around new data sources.

- These kinds of job roles require the individual to work independently and be comfortable in making decisions pertaining to his/her area of work.

- The individual should be able to focus on result oriented outcomes and demonstrate logical thinking.

Role Description & Job Assistant

The trained persons will find opportunities to work as Junior Data Analytic Associate, Business Analytic support, Data Warehousing Engineer, Data Scientist, Business Intelligence Technician etc.

Adequate placement support will be extended. It is an industry integrated program and we have made company connect

About Us

Neotia Skill Development Academy ('NSDA') is part of the Ambuja Neotia Group whose journey started more than three decades ago in Kolkata with its strong presence in Real Estate, Healthcare, Hospitality Education.

Neotia Skill Development Academy is a CSR initiative by Ambuja Neotia group to impart skill based training using latest pedagogy and curriculum. Our goal is to provide quality skill development training to ensure empowerment and sustainable livelihood through holistic skilling, guidance and counselling to students.

Healthcare | Hospitality | Life Science | Future Skills | Media