



EMBA Program
MB-511

Data Science for Managerial Decisions (MB 511)

Instructor
Anant Prakash Awasthi

Data Science for Managerial Decisions (MB 511)

About Instructor

Anant Prakash Awasthi is a data science researcher, with more than 12+ years of experience in solving complex problems using cutting-edge data engineering and artificial intelligence-based technologies. Actively participating in academic activities like guest lectures, faculty development programs and panel discussions at different occasions and platforms.

Public Profiles:

[LinkedIn](#) | [Vidwan](#) | [ORCID](#)

Areas of Interest: Explainable AI, Responsible use of AI, AI Fairness, Machine Learning, Cloud Technologies, Applied Statistics, Biostatistics & Epidemiology, Research Methodology, R, Python, SAS Programming, SPSS, Project Management and Solution Architecture



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Program Overview

- Introduction to Data Science
- Information Technology: An Overview
- Applications of Data Science in various fields
- MIS and Control Systems
- Data Collection and Data Pre-Processing
- Building Information Systems
- Support Systems for Management Decisions



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References/Literature

- Jojo Moolayil, “Smarter Decisions: The Intersection of IoT and Data Science”, PACKT, 2016.
- Cathy O’Neil and Rachel Schutt , “Doing Data Science”, O'Reilly, 2015.
- David Dietrich, Barry Heller, Beibei Yang, “Data Science and Big data Analytics”, EMC 2013
- Raj, Pethuru, “Handbook of Research on Cloud Infrastructures for Big Data Analytics”, IGI Global
- Management Information System, W.S Jawadekar, Tata Mc Graw Hill Publication.
- Management Information System, David Kroenke, Tata Mc Graw Hill Publication.
- MIS: Management Perspective, D.P. Goyal, Macmillan Business Books.

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Online Resources



Software Resources

