



MIT SDE Unique Features

With our Academic Partner, KPMG in India
Empower your career with industry-focused
Operational Analytics Certification

Introduction to Operational Analytics

Operational analytics is key to driving efficient and effective business operations. By leveraging real-time data from multiple sources, organizations can uncover valuable insights, eliminate bottlenecks, and make data-driven decisions to optimize performance. In today's competitive environment, those that embrace operational analytics are better equipped to fuel growth, enhance customer experiences, and achieve lasting success.

The MITSDE Operational Analytics Certification Program, developed with KPMG in India as an Academic Partner, is a 40-hour course designed to equip you with the essential skills to use operational data for strategic decision-making. This course is ideal for students pursuing a PGDM in Logistics & Supply Chain Management, Operations Management, or Material Management.



Course Highlights



Tools

- **Advanced Excel:**
Learn advanced Excel techniques for operational analytics, including data analysis, pivot tables, complex calculations, and data manipulation.
- **Power BI:**
Gain expertise in data import, cleaning, transformation, visualization, and creating dashboards for operational data.
- **Orange3:**
Explore data visualization techniques and data mining using Orange3 for operational analysis.
- **SAS:**
Master advanced statistical analysis, data management, and analytics techniques using SAS.

Modules

- o **Module 1: Introduction to Operational Analytics**
- o **Module 2: Advanced Excel Modeling and SAS**
- o **Module 3: Operational Decision Making**
- o **Module 3: Predictive Modelling & Forecasting**
- o **Module 4: Getting Started with Power BI**
- o **Module 5: Introduction to Orange 3**
- o **Final Project**

Project

- **A hands-on project will be assigned to test your understanding of the course concepts.**
- **You will have five days to complete the project and submit it in the format specified by KPMG SME.**
- **The project score will be considered during the final qualification assessment.**

Assessment:

- **The assessment process consists of a multiple-choice question exam and hands-on exercises.**
- **You will have one attempt to complete the assessment, and a minimum score of 65% is required to pass.**
- **If you fail the assessment, one free retake is allowed. Subsequent retakes will incur a fee.**

Upon successful completion of the course and assessment, you will earn a certificate of completion from KPMG, demonstrating your expertise in operational analytics and enhancing your career prospects in operations management.



**Become an Operational Analytics Leader.
Enroll in the MITSDE Operational Analytics Certification Program today!**

**Visit: mitsde.com
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