

Karnataka Skill Development Corporation

Government of Karnataka

Kalike Jothege Kaushalya 2.0

EOI No: KSDC/KJK 2.0/CR-04/2024-25

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LTET_CC_GoK_KSDC_002

L & T EduTech

Course Name: Programming For Data Analytics

Training Duration: 50 hrs

Target Audience	Course Differentiator	Software Taught	Curriculum Alignment	Job roles associated with the course
BSC/BCA – 6th sem	<p>a) Engage in Project-Based Learning that simulates realworld scenarios, ensuring hands on experience in data analytics.</p> <p>b) Benefit from the course curated by L&T Mindtree, which brings together industry insights and academic rigor to enrich the classroom experience.</p> <p>c) Utilize State-of-the-Art tools and Technologies endorsed by L&T's MindTree, providing exposure to cutting-edge software and methodologies used in data analytics.</p> <p>d) Analyze RealWorld Case Studies that illustrate practical applications of data analytics in diverse industries.</p> <p>e) Master the Fundamental concepts of Data Analytics and Acquire proficiency in Python programming essentials and Numerical data processing.</p> <p>f) Explore Data manipulation and advanced Data visualization techniques using Python.</p> <p>g) Gain a solid understanding of R programming fundamentals, covering basic operations and manipulation.</p> <p>h) Develop practical skills through Hands on projects using Python and R, ensuring readiness for real-world challenges.</p>	<p>a) Python</p> <p>b) R programming language</p> <p>c) SQL</p> <p>d) MS Excel</p>	<p>a) Demonstrated the knowledge of foundational concepts in data analytics.</p> <p>b) Attain competence in Python programming essentials for numerical data processing.</p> <p>c) Utilized Advanced data manipulation and diverse libraries for Dynamic Visualizations in Python.</p> <p>d) Illustrate the core proficiency in R programming</p> <p>e) Create practical expertise via real-world projects in python and R</p>	<p>a) Data Engineer</p> <p>b) Data Analyst</p> <p>c) Database Administrator</p>