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Fiscal Intelligence: Harnessing Artificial Intelligence and Analytics for Modern Tax Governance

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Preface

Tax systems around the world are undergoing a dramatic transformation. With increasing complexity, evolving regulations, and the growing demand for transparency, traditional methods of tax governance are being pushed to their limits. In this era of digital disruption, Fiscal Intelligence: Harnessing AI and Analytics for Modern Tax Governance offers a timely exploration of how artificial intelligence (AI) and advanced analytics are redefining the future of tax administration and compliance. This book is born out of the urgent need to modernize tax governance through smarter, data-driven solutions. AI and analytics are no longer futuristic concepts—they are actively reshaping how tax authorities detect fraud, assess risk, and ensure compliance with greater efficiency and accuracy. Meanwhile, businesses are leveraging these same technologies to optimize reporting, minimize errors, and stay ahead of regulatory demands.

Our aim is to provide a comprehensive yet accessible guide to the evolving landscape of fiscal intelligence. We examine the technological foundations of AI and data analytics, explore their practical applications in tax policy and enforcement, and present real-world examples of success from both public and private sectors. Through this lens, we highlight how intelligent systems can drive fairness, transparency, and agility in modern tax governance. Whether you are a tax professional, policy maker, data analyst, or a curious reader seeking to understand the next frontier in financial regulation, this book is designed to inspire new thinking and foster innovative approaches to long-standing challenges.

As governments and organizations embrace digital transformation, the future of tax is not just about compliance—it's about strategy, foresight, and resilience. We invite you to step into this intelligent era of tax governance, where technology and policy meet to create smarter, more responsive fiscal systems.

Vamsee Pamisetty

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