Cities as hubs for data-driven innovation (Data-Driven Innovation: Big Data for Growth and Well-Being)

This chapter provides an overview of data production and examples of opportunities for data-driven innovation in cities, as well as a discussion of related policy implications. The focus is on data-driven innovation i) that increases the efficiency of urban systems, including through system integration; ii) that enables new business opportunities, for example in urban mobility and accommodation markets; and iii) that improves urban governance. Examples in each of these areas show that the potential of data-driven innovation in cities has only begun to be tapped, and that the conditions to unleash it need to be improved. Issues to be addressed by policy makers to improve such conditions include interoperability, regulation, digital security risk management, and privacy.

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