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   Titolo   Predictive Analytics of Psychological Disorders in Healthcare : Data
                    Analytics on Psychological Disorders / / edited by Mamta Mittal, Lalit
                    Mohan Goyal

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   Descrizione fisica   1 online resource (310 pages)

   Collana   Lecture Notes on Data Engineering and Communications Technologies,
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   Disciplina   616.891

   Soggetti   Computational intelligence
                    Medical informatics
                    Cognitive psychology
                    Machine learning
                    Quantitative research
                    Computational Intelligence
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   Lingua di pubblicazione   Inglese

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   Nota di contenuto   Predictive analysis of psychological disorders on health -- AI-Based
                    predictive analytics for Patients' psychological disorder -- Predicting
                    depression through social media -- Measuring Mental Health at
                    Workplaces using Machine Learning Techniques -- Tertiary Students
                    Stress Detection during Online Learning in Jos, Nigeria -- Challenges &
                    Privacy Concerns Related to Use of Information Technology in Mental
                    Healthcare. .

   Sommario/riassunto   This book discusses an interdisciplinary field which combines two
                    major domains: healthcare and data analytics. It presents research
                    studies by experts helping to fight discontent, distress, anxiety and
                    unrealized potential by using mathematical models, machine learning,
                    artificial intelligence, etc. and take preventive measures beforehand.

Psychological disorders and biological abnormalities are significantly related with the applications of cognitive illnesses which has increased significantly in contemporary years and needs rapid investigation. The research content of this book is helpful for psychological undergraduates, health workers and their trainees, therapists, medical psychologists, and nurses.