منابع درسی هوش محاسباتی

**Computational Intelligence Course**

Comprehensive Exam Materials

**Main References (Papers):**

* Business Intelligence and Analytics: From Big Data to Big Impact, MIS Quarterly (2012)
* Predictive Analytics in Information Systems Research, MIS Quarterly (2011)
* A unified foundation for business analytics, Decision Support Systems (2014)
* A review and future direction of agile, business intelligence, analytics and data science, International Journal of Information Management (2016)
* Data, information and analytics as services, Decision Support Systems (2013)
* Data mining techniques and applications – A decade review from 2000 to 2011, Expert Systems with Applications (2013)
* Text analytics in industry: Challenges, desiderata and trends, Computers in Industry (2016)
* Big Data analytics: Computational intelligence techniques and application areas, International Journal of Information Management (2016)
* Positioning and Presenting Design Science Research For Maximum Impact, MIS Quarterly (2016)

**Further Reading (books):**

* Aggarwal, C.C., (2015), Data Mining: The Text Book, Springer.
* Bramer, M., (2016), Principles of Data Mining, Third Edition, Springer.
* Laursen. G.H.N., and Thorlund, J., (2010), Business Analytics for Managers: Taking Business Intelligence beyond Reporting, John Wiley.
* Saxena, R., and Srinivasan, A., (2013), Business Analytics: A Practitioner’s Guide, Springer.
* Squire, M., (2016), Mastering Data Mining with Python: Find patterns hidden in your data, Packt Publishing.
* Zgurovsky, M.Z., and Zaychenko, Y.P., (2016), The Fundamentals of Computational Intelligence: System Approach, Springer.