The Role of Enzymes in Cognitive Enhancers and the Implications of Intervention When Used as Smart Pills.

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Abstract

Artificial Intelligence and Data Science seem to be ubiquitous now with every company investing in Data Science capabilities and data scientists. While it is tempting to throw the latest in AI at every business problem, not many business situations and applications require the use of sophisticated methods and state of the art techniques. In many situations, using a Deep Learning solution may just not be feasible. Indeed, designing a Data science based solution is among the most important aspects of data based problem solving. Formulating the problem the right way is the critical first step and has an extremely high impact on the solution design and eventually the efficacy of it and the benefit to business. Should the formulation be supervised ML or unsupervised? Should you replicate a state of the art model from scratch for your own domain or are better off using transfer learning? Do you even need Machine Learning for the problem, or is a good rule based solution? These are critical questions to ask while beginning to solve a problem using Data Science. .

Biography:

Immediate Past President, Trinidad and Tobago Association of Psychologists (TTAP). A trained teacher, she worked at primary and secondary levels. She became one of a group of locally trained Guidance Officers to form a Guidance Unit for Secondary Schools and published a booklet of poetry written by teenagers titled "Youth in Search of Self." This booklet is lodged at the Library of Congress. After fourteen (14) years in the Government Service, she was accepted and completed a Master of Arts

References :

- Haynes RB, Ackloo E, Sahota N, McDonald HP, Yao X. Interventions for enhancing medication adherence. Cochrane Database Syst Rev. 2008.

- McDonald HP, Garg AX, Haynes RB. Interventions to enhance patient adherence to medication prescriptions: scientific review. JAMA.

- Mathes T, Antoine SL, Pieper D, Eikermann M. Adherence enhancing interventions for oral anticancer agents: a systematic review. Cancer Treat Rev. 2014;40(1):102–108.

- Gerber BS, Cho YI, Arozullah AM, Lee SY. Racial differences in medication adherence: a cross-sectional study of Medicare enrollees.

- Eifel P, Axelson JA, Costa J et al. National Institutes of Health Consensus Development Conference Statement: adjuvant therapy for breast cancer, November 1–3, 2000. J Natl Cancer Inst.

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