



PROJEKT EMPATTICS





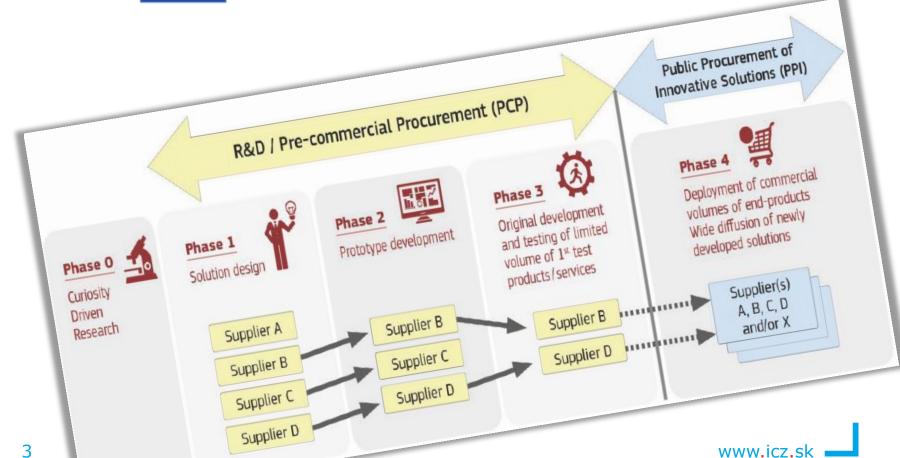


The EMPATTICS project
(EMpowering PAtients for a beTTer Information and improvement of the Communication Systems)















INOVATÍVNE PRISTUPY & NÁSTROJE ICT



DIABETES COPD SRDCOVA NEDOSTATOČNOSŤ













CHALLENGE

(čo vlastne od nás chcú?)

- Increasing awareness of and knowledge about the importance of adherence,
- Monitoring and evaluating patient adherence to agreed action plans, Providing valuable information for the self-management of patient diseases,

 - Helping patients to develop healthy adaptive behaviours, Facilitating communication between patients and health professionals.



Umelá inteligencia



User Experience Design
User Interface Design



Mobilné aplikácie



Medzinárodných štandardoch



Wareables



Health monitoring a Big data





5.5.2017 - Prof. MUDr. Peter Bánovčin, CSc.





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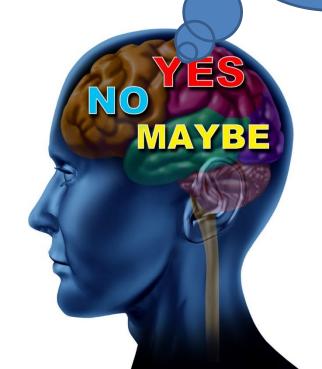
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RACIONÁLNE ROZHODOVANIE





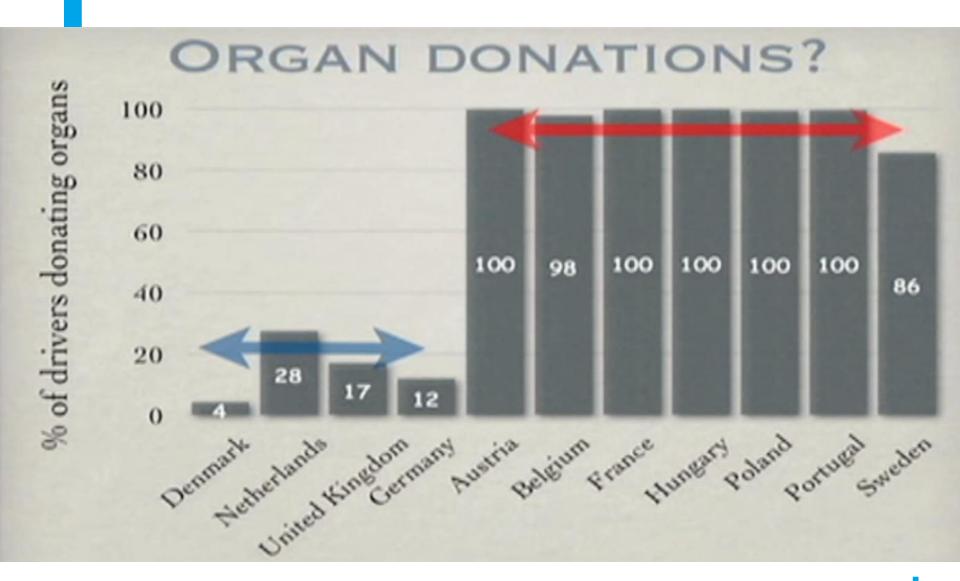
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Opt-in

Check the box below if you **want** to participate in the organ donor program





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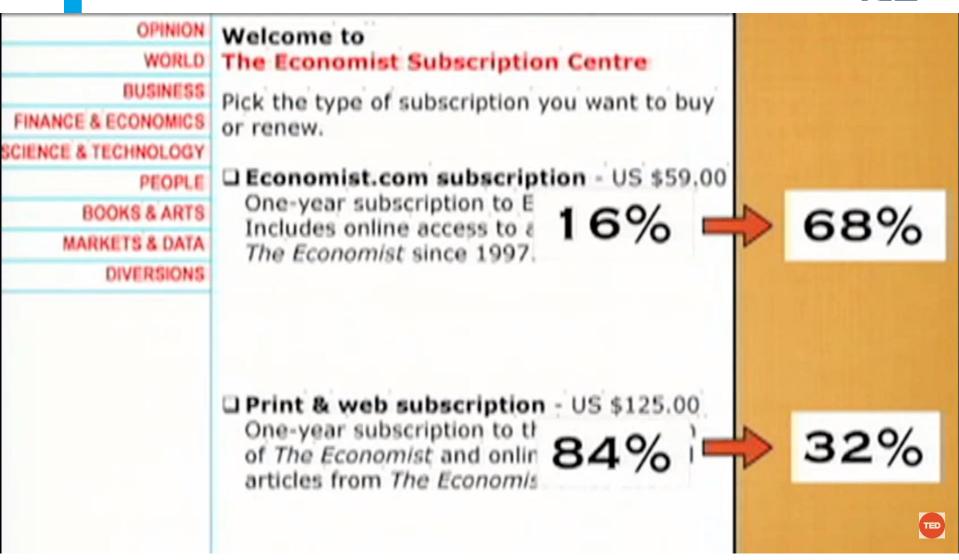




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CZ

Behaviorálnych change technikách

BCT

Gamification technikách

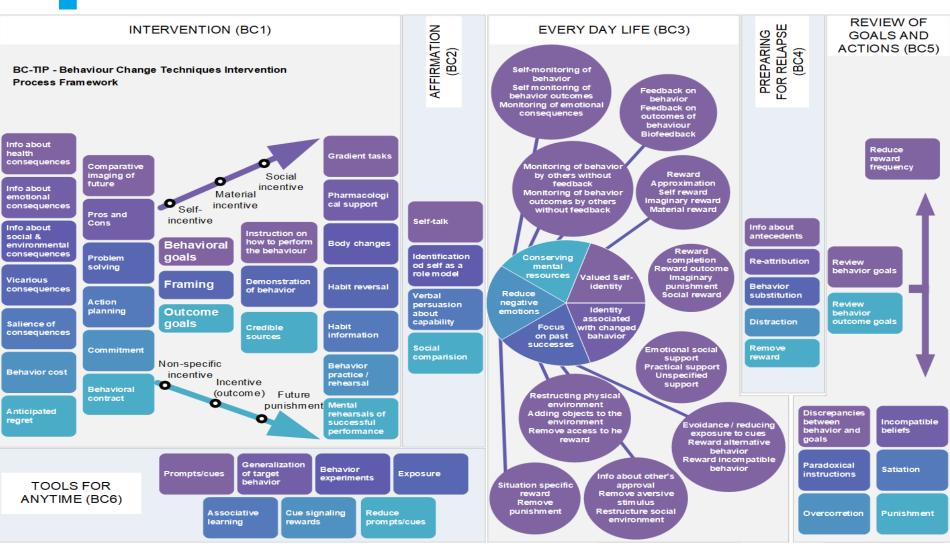
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Aspektoch behaviorálnej ekonomiky

BE



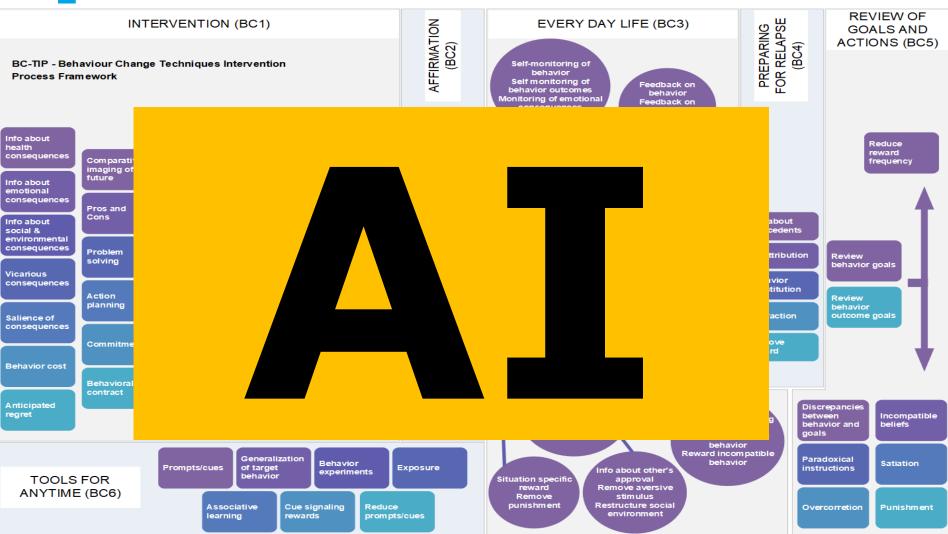




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NAŠE PRINCÍPY

- > Jednoducho.
- Pacient je za seba zodpovedný.
- Neobťažovať.
- Dáta v pravý čas.
- Pozitívna komunikácia.
- Stop nesplniteľným pokynom.
- Automatizovať a predpovedať.
- Monitoring je podpora, nie cieľ.
- Spolupráca, nie pokyny bez znalosti.

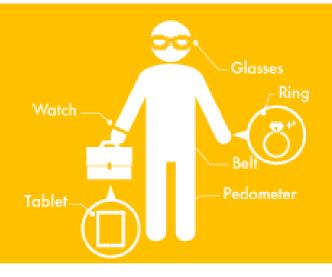






MONITORING

IoT IoMT









- Prečo môj krvný cukor stúpa?
- Mám predpoklad k cukrovke na základe niektorých meraní?
- Varovanie užívateľa, pred možným zhoršením stavu na základe nameraných hodnôt, t.j. systém včasného varovania reálnom čase.







1. SUPERVISED LEARNING

Začneme strojovým učením na základe učenia sa s učiteľom.









BigData & BigData & Deep Neural Network

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