

Asperger's or Giftedness.

PROJECT 3

Overview

- Background Research
- Problem Statement
- Methodology
- Exploratory Data Analysis
- Key Takeaways & Recommendations
- Limitations & Areas of Future Research
- References

Problem Statement

Healthcare Waste in Singapore

- Waste in OECD countries amount to as much as one-fifth of the country's healthcare expenditure.
- Waste can be incurred anytime by a patient, healthcare professional who engages in unnecessary medical activity.
- Ranges from preventable mistakes in medical care, to misdiagnoses, provision of unnecessary treatments, and procedural inconsistencies.
- Under Singapore's co-payment healthcare financing scheme, costs of waste are borne partially by:
 - the state (tax-payers), and/or
 - private healthcare insurers
 - consumers
- Incorporation of technology into various care models to eliminate waste.

Source : <https://www.businesstimes.com.sg/opinion-features/columns/cutting-healthcare-waste-win-win-providers-payers-patients>

Further Research

Advanced vocabulary
but with less inviting
verbal style.

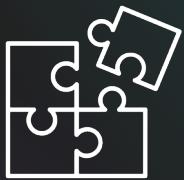
Asperger's

Gifted individuals can exhibit the same behaviors as those on the autism spectrum.

Gifted

Extensive and advanced vocabulary with rich verbal style.

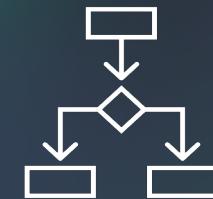
Problem Statement



One in 150 children here has autism, a higher rate than the WHO's global figure of one in 160 children (ARC, 2021).



1% of students in each age cohort, 400 students are admitted into the GEP at primary 4 per year (MOE, 2017).



What other diagnostic criteria can we extract using NLP-models to diagnose autistic children accurately?