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Frenemies – ChatGPT within Assessments

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e-Assessment SIG

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Frenemies - Unleashing the Power of ChatGPT in Assessments

ASCILITE Transforming assessment SIG webinar

April 2024

Matthew Wysel

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Crux:

**Collaborative
Learning**

vs

**Individual
Assessment**



ChatGPT ate (all) my assessments

::

Us: 😞 😞

::

InViGiLaTe to EnD aLL CheaTinG !

view of the sales performance for
sales of various pet products during
metrics and trends.

104,652 **Gross Margin: \$0.041**

ce of each Kidd R Us Pet Shop store
re **B** demonstrated robust revenue
leading the pack with a remarkable
ably, Store C closely followed with
Store E rounded out the top three
in revenue. It's impressive to observe
ve dynamics across our stores, each
significantly to our overall success.



How much of this submission has been generated by AI? ⓘ

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AI Text Detection Doesn't Work

Humans can't detect GenAI usage

+

Neither can 'bots



Two choices: **Learn to surf** the tidal wave or **learn to hitch** a ride with someone who can



1. Getting Involved

What is it, How do I use it, What should I worry about...?

2. ***Frenemies*** – Unleashing the Power of ChatGPT in Assessments

3. Current Work – All about Bots

Creation tools, Persistent Learning Environments, Knowledge Drain?

4. ~~Next~~ Now Steps

Embedded *AI-enabled* Assessment, Fustian Bargins, Evidence?

Scaffolding Assessment Design

1. Raise the Tide
2. Old School Collaboration
3. Free Range but Present Personally
4. Invert the Problem
5. Immersive Assessment



Level 1

Raise the Tide



Approach:

1. Centralise the issue,
2. contextualize within the curriculum,
3. encourage adoption

- Promote equity throughout an ethnically diverse cohort
- Reduce busy work for both teachers and students
- Improve quality of everyone's work
- Restore the quality of a FAIL Pass

Assessment 1:

Collaboration with GenAI: Cloud Computing in Business

Author: Matthew Wysel

Date: 22nd July 2022

Submitted for: Management Information Systems - COSC72

Taught by: Matthew Wysel

Words: 1300 total. Comprising 953 of my own words; 347 words produced in collaboration with ChatGPT

Abstract

100-200 words covering why the report has been written (i.e. what question or problem is it addressing?); how the study was undertaken; what the main findings were; what the significance of the findings are.

Section 1: GenAI collaboration

Illustrates your ability to think critically about how to prompt a semantic AI engine to generate specific, desired information [Maximum 500 words]

GenAI Prompt

<this is the text you submitted to ChatGPT, Google Bard, etc...>

GenAI Reply

<this is a copy/paste of the text ChatGPT, Google Bard, etc... returned>

Section 2: Your critical extension of the GenAI's input

Illustrates your ability to take a semi-informed opinion and extend it using your command of the relevant concepts. [Maximum 1000 words]

Introduction

<2-3 sentences max>

Context and Relevance of Cloud Computing

Benefits and Opportunities of Cloud Computing

<short-term benefits and longer-term, strategic opportunities>

Level 2

Old-Skool Collaboration

- *Require* collaboration with Gen AI but also critical analysis of output
- Promotes critical thinking *within the context of collaboration* with Gen AI

Level 3

Free Range but Present Personally

- Encourage maximum utilisation of Gen AI
- Focus on personal accountability for the final output
- Centralises personal accountability for the output from collaboration



Level 4

Invert the Problem

- Must *utilise* GenAI as a tool
- Back and forwards with GenAI
- *Quality* of student's interactions impact difficulty of assignment

Core Task

Use a Generative AI package (such as ChatGPT) and [RapidMiner](#) to prepare a Weekly Sales Report for a store selling [Pet Supplies](#).

The name of your store is "[surname] R Us". Replace [surname] with your surname/last name.

As this assignment involves significant preparatory work, your submitted assignment will be marked as 'incomplete'.

Details

This assignment comprises four tasks:

1. Create the data using a GenAI package (**to be submitted as .csv**)
2. Mine the data using RapidMiner
3. Create copy (words) for the Sales Report using a GenAI package
4. Collate into a '1-page' Weekly Sales Report (**to be submitted as .docx**)

> Step 1. Create Data using GenAI

Use a GenAI package (such as ChatGPT) to create sample/dummy data that resembles the following fields:

- Transaction ID, Store Location, Date, Time, Customer ID, Product ID, Product Name

The data must cover 1 week (7 days) of operations and include: 500 transactions for each store. The data must be **saved as a CSV and be submitted**. A brief summary of data is attached.

> Step 2. Mine the Data using RapidMiner

Using RapidMiner mine the dataset you have just created to determine:

1. Comparative Sales (Revenue) for each store

Level 5

Immersive Assessment

- Collaboration becomes in informed choice
- Applies to all types of assessment (exams, take-homes, MCQ)
- Extension for students *and* teachers
- All choices must be informed by theory and experience



Preliminary Outcomes

for students

**Significant reduction in
busy-work**

Quicker first-drafts

No more 'too much' work

**Building professional
skills & work-readiness**

Preliminary Outcomes

for teachers

Fewer 'gimme' questions

"What did ChatGPT tell you,
and what did you think
about that?" 🤔

'First-draft' Tutor

Fewer sub-par
assignments

Restoring the quality of a
Pass

Concluding Principles

- Learn to embrace it like a thought-tool
- Centralise the task of critical analysis
- Reclaim collaboration
- *When to use GenAI* becomes a life-skill





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Webinar Session feedback

With thanks from your hosts

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Recording available

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**Next Session in 1st May –
“Gen AI in assessment:
institution and program
tactics”**

Joint with AHE UK
<http://taw.fi/1may2024>



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SHAPING THE FUTURE OF TERTIARY EDUCATION

Extra Content



Ongoing Pilot

Undergraduate &
postgraduate levels

Mixed
quantitative/qualitative

Essays, Analysis,
Visual, Oral, Q/A





What this is *not*

Hyper-specific anchors

Niche applications

Writing style or lots of references

Make it long enough...