



More about the StatBot

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Objectives: Why a Chatbot?

The chatbot (StatBot) was introduced to students in two first-year undergraduate and postgraduate business statistics courses to manage their diverse learning needs and to improve their learning experience.



Objectives: Why a Chatbot?

It was expected that the StatBot will facilitate their personalised learning, hence enhance the efficiency of learning and improve engagement with the course content.



Objectives: Why a Chatbot?

Further, it was expected to:

- boost students' confidence through deeper learning, better preparation for assessments and receiving ongoing feedback on learning.
- enhance self-regulated learning
- Reduce cognitive load





Cohorts

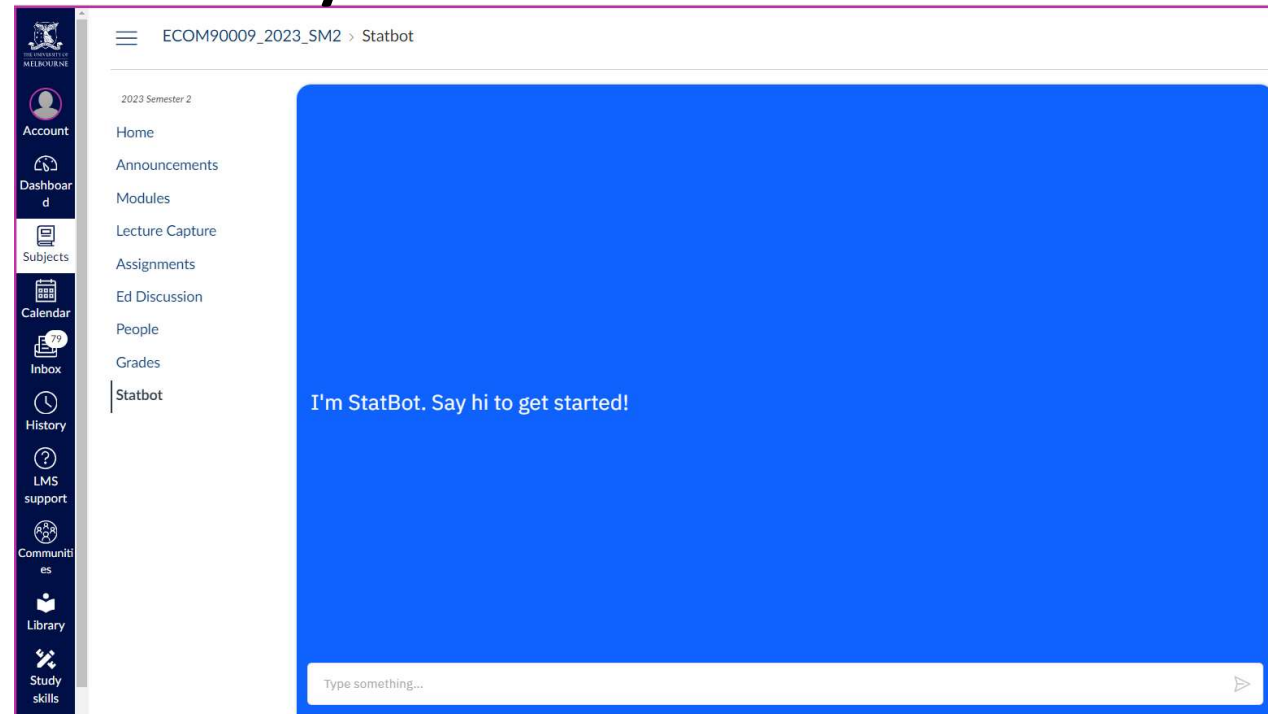
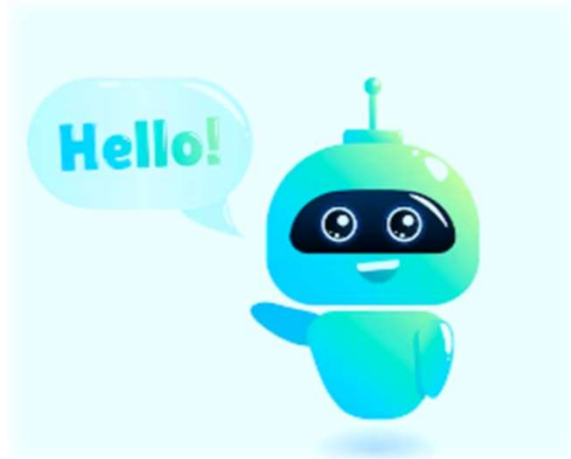
Two business statistics (Quantitative Methods) Cohorts were provided with the opportunity to use the StatBot

- Quant Methods 1: Undergraduates (900 students)
- Quant Methods for Business: Postgraduates (200 students)



The StatBot

The bot was integrated with the courses' learning management system.



The StatBot



The bot had two Pathways for Enhanced Learning

- Self-directed learning through Q&A
- Guided learning through:
 - Practice questions and model answers
 - Review through revision material





The StatBot

- The StatBot was subject-specific and only used the material provided for the course.
- Mostly used to prepare for the assessment tasks
 - Self-directed learning was the most popular option.
 - Found it to be a complementary resource.



Positive Student Experience

Students found the StatBot:

- Good for effective learning.
- Provides subject-specific assistance (assurance).
- Good practice tool.
- Good for clarification and understanding (deeper learning).
- Tool for better exam preparation (confidence).

Challenges

Workload and Cost

- Designing and managing
- AI component comes with a higher cost

Competition

- Rapidly Evolving Area: How do we keep up?

Engagement

- Getting students to use it for learning (beyond assessment preparation)

