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| A black and white logo  Description automatically generated | Gosford High School  Year 9 Computing Technology  Assessment Task 2025 |
| Number and Title of Task | Assessment Task 2: In-Class Quiz and Extended Response (15%) |
| Topic | Module 2: Data Analysis |
| Weighting/Marks | 15% (30 marks) |
| Due Date | Term 2 Week 9, Monday 23rd June 2025  **9CT1B:** 10:10-11:10am (Period 2)  **9CT2:** 11:30am to 12:30pm (Period 3) |
| Outcomes to be Assessed (Syllabus outcomes being assessed by task)  A student:  CT5-SAF-01 selects and applies safe, secure and responsible practices in the ethical use of data and computing technology  CT5-DAT-01 explains how data is stored, transmitted and secured in digital systems and how information is communicated in a range of contexts | |
| Introduction  In this unit, you'll undertake two key components to enhance your data analysis skills. As part of this, you will face a comprehensive knowledge assessment in Term 2, Week 9.  In-Class Quiz and Extended Written Response on Data Analysis  In Term 2, Week 9, you will be tested on your knowledge of data analysis and its implications. This in-class test will include:   * 10 multiple choice questions (10 marks): This will be based on concepts covered in the five theory modules on Data Analysis in class. * Extended Response (20 marks): You will be presented with an authentic Data Analysis scenario and be required to write an extended response to a *discussion* question. You will be provided with resources and a scaffold to familiarise yourself with *data privacy, security, raw AI, ethics, “right to be forgotten” and legal issues* prior to sitting the task. | |
| Additional Information  You will be provided with all required resources including tutorials and study notes in class.  If you require additional time to study for the test, you may need to do some of this for homework. *No Recess or Lunch Times will be provided in CR1 or CR2.*  Each class will be given a specific date and time to complete the in-class quiz. Questions will be varied from class to class to ensure fairness.  *If you are unsure of any element of the task, it is YOUR responsibility to seek advice and support in a timely manner. Do NOT wait until the week the task is due to seek clarification!*  Subject Specific Terminology  Cyber Security: The protection of information technology elements, including hardware and software, data or network services.  Data: A discrete representation of information using number codes. Data may include characters (eg alphabetic letters, numbers and symbols), images, sounds and/or instructions that, when represented by number codes, can be manipulated, stored and communicated by digital systems. For example, characters may be represented using ASCII code or images may be represented by a bitmap of numbers representing each ‘dot’ or pixel.  Database: A collection of data organised by records and fields that can be easily stored, accessed, managed and updated.  Dataset: A collection of data combined for a specific purpose.  Information: The presentation of data in a manner that is readily understood. | |
| Feedback (How you will receive feedback and reflect on the task)  Teacher feedback will include:   * Individual written summative feedback * Verbal summative feedback as a class group   Students will reflect on their task:   * Evaluating their feedback and writing a written reflection | |
| Student Acknowledgement of Academic Integrity  By submitting the task for marking, I acknowledge the following:   1. The work submitted is my own work and appropriately acknowledges of all sources has been made. 2. I have not used generative AI in the construction of the task. 3. If there is an allegation of malpractice, I will be required to show my drafts/ planning to prove the task is all my own work. 4. I am aware that the work may be submitted to plagiarism detection processes. 5. Where the work of others is used and not acknowledged, a finding of plagiarism will be made and a mark of zero awarded and I will have to resubmit the task. | |

**In Class Quiz & Extended Response**

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| **/10** | **10 Marks (Per row)** | **8 Marks** **(Per row)** | **6 Marks (Per row)** | **4 Marks (Per row)** | **2-0 Marks (Per row)** |
| Multiple Choice Response  **CT5-DAT-01**  **CT5-EVL-01** | Excellent understanding of Data Analysis with 9-10 correct answers. | Thorough understanding of Data Analysis with 7-8 correct answers. | Expected level of understanding of Data Analysis with 5-6 correct answers. | Basic understanding of Data Analysis with 3-4 correct answers. | Limited understanding of Data Analysis 2 or less correct answers. |
| **/20** | **20 Marks (Per row)** | **16 Marks** **(Per row)** | **12 Marks (Per row)** | **8 Marks (Per row)** | **4-0 Marks (Per row)** |
| Extended Response: Discussion  **CT5-DAT-01** | Sophisticated discussion with clear reference to relevant key issues in data. The response clearly and effectively identifies issues and provides compelling points for and against. | Thorough discussion with reference to relevant key issues in data. The response identifies issues and provides points for and against. | Expected level of discussion with some reference to key issues in data. The response somewhat identifies issues and provides points for and/or against. | Basic explanation with little reference to key issues in data. The response may identify issues but provides few points for and/or against. | Limited description with little to no reference to key issues in data. |