

AI Proposal Writing Case Study

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Example Proposals

This section provides the text of the three example proposals provided. Each includes the before and after versions.

- In Case Study 1 only the “before” version of the proposal was provided to the AI chatbot.
- In Case Study 2, both the “before” and “after” versions of the proposals were provided.

The two case studies were executed so the output could be compared.

Case Study 1:

Case Study 1 presents the AI results for the three example proposals using the chatbot, produced **without** the “before” and “after” examples as part of the AI training. The “before” version was pasted into the prompt to generate the result.

Case Study 2:

Case Study 2 presents the AI results for the three example proposals using the chatbot, produced **using** the before and after examples as part of the AI training. The “before” version was pasted into the prompt to generate the result.

Key Takeaways:

Case 1 vs Case 2

In Case Study 2, where the AI model was training with the “before” and “after” examples, the results appear to be more concise, better aligning with the “after” cases.



Example Proposals

Below are three example proposals. In each case, there is an Original Proposal followed by an example of a rewritten proposal. The rewritten proposal is an example of the desired outcome.

Original Proposal #1

Betty's Problem

Problem:

My family wants to have Christmas Eve get together at my house. I can't afford to pay for all the food and preparation by myself.

Fact & Assumptions:

- 1) Total number of people to come is fourteen, which includes 10 adults and 4 children. I have 2 small dogs that bark when they think the kids are getting to loud
- 2) I don't think telling them that I'm to old to put the party together will work because the see how I stay busy doing something all the time.
- 3) Double cleaning the house, once before the party then the next day after the party.

The Plan:

- A) Run away from home.
- B) Plan the party with everybody bringing a side dish, and be a good hostess and play with grand child and great grand children.

Rewritten Proposal #1

Betty's Problem

Problem:

My family wants to have Christmas Eve at my home.
I can't afford the expense of hosting.

Fact & Assumptions:

- 1) I expect 14 people, some small kids.
- 2) I have dogs that will be upset.
- 3) They don't think I am too old to host because I am busy.
- 4) This will require cleaning the house twice; before and after.

The Plan:

- A) Refuse to host.
- B) Plan for help in preparations, including cleaning and cooking.
- C) Plan for a dog sitter.

Original Proposal #2

Maynard G Cribbs

Problem:

My entire family of sorry and cheap siblings (brother and sisters) are coming over Sunday for a get together to just talk and vist after a year.

I can't afford to water these scoundrels down with liquor, that being expensive whiskey and wine.

Facts & Assumptions:

- 1) One of them are alcoholics, three are lazy and don't work but drink a lot of expensive wines.
- 2) I don't like four of them
- 3) My wife won't lie for me and tell them I am not at home.
- 4) I won't get paid again for a week so I have no money.

The Plan:

- A. Intentionally kill myself with a gun or hang myself with a rope in the garage.
- B. Serve them the cheapest beer I can find at all the shops around town.

Rewritten Proposal #2

Maynard G Cribbs

Problem:

My cheap siblings are coming over for our annual get together.
I can't afford serving them the expected alcohol as they have expensive tastes.

Facts & Assumptions:

- 1) One is an alcoholic, three drink a lot of expensive wines.
- 2) I don't like four of them
- 3) My wife won't lie for me and tell them I am not at home.
- 4) I won't get paid again for a week so I have little money.

The Plan:

- A. Intentionally kill myself with a gun or hang myself with a rope in the garage.
- B. Advise them I am offering a small amount of beer.



Original Proposal #3

Mr. Scoutmaster

Problem:

I will be taking 60 persons canoeing next weekend down Coldwater Creek, if the weather permits. Some of them are strangers to me. I will be the leader. It will take us most of the day.

How can I control this adventure and insure it is safe and fun for all because it will be a variety of ages?

Facts & Assumptions:

- 1) There will be two Boy Scout Troops, one with 12 boys and one with 18 boys. The two troops do not know each other. Parents of some of the boys will also be with us. The number is unknown at this time. Some may bring a other kids with them. I have never met the other Scout Master but hear he is a nice guy.
- 2) All Scout activities have two goals. One is for the boys to have a good time, and the second is to train all the boy leaders from the senior patrol leader down to the individual patrol leaders. They will be the ones running the show on that day. The Scoutmaster's job is to make sure that the boy leaders understand what the plan is and then let them go do it. And then after that, he's just there to make sure that everybody's safe and has a good time and gets home happy. Of course the Scoutmaster can answer questions for the boy leaders or coach them perhaps. That depends on the situation and the boy.
- 3) Each canoe filled with scouts will have only two scouts in each one. I am not concerned what the parents do, especially the ones with smaller children. The parents are concerned with their own group.
- 4) The actual travel time will be two and a half hours on the creek. I would like to break that up in about five breaks on the sandbars. That will give the boys a chance to stretch their legs, have fun, eat a lunch, and just regroup. And we can judge our time for the complete float trip and regulate those stops.
- 5) My biggest fear other than safety problems is the parents interfering with the boy leadership. The leadership will be mostly young patrol leaders and I don't want them

taking any orders from parents unless it's a safety matter. The question is how to give those boys, young boys, what it takes to command the parents, give them orders. I don't know how to work that problem out.

- 6) I estimate that there will be approximately 30 to 35 canoes in the water. If you bunch them all up, they're just going to crash into each other or be tempted to do that. So I'm concerned about the safety of too many canoes bunched together.
- 7) Between the two troops, there are two Scoutmasters and there are two senior patrol leaders. How do I deal with those senior leaders that are equal?
- 8) As far as I'm concerned, I don't know the canoeing skills of anybody in the group other than myself. How do I make them pair up with one skilled boy with one unskilled boy? What do I do about the parents? I don't have a clue how to attack this problem. What I do know is that people prefer to be with the people that they choose to be with and if I disrupt that it takes away some of the fun.
- 9) It might be best to separate the parents from their own sons so that they won't be tempted to control their own son or cause embarrassment to him. It might be best if I stay in the very rear of the column, because it's going to be a long column, and let me pick up anybody that is having problems managing their canoes, inexperienced paddlers.
- 10) I'm going to assume that it would be a bad practice to bring radios like walkie-talkies on the float because they're just going to end up in the water. So I'm going to count on not having any radio equipment.
- 11) What I'm picturing in my mind is a long column spread out over the river so that there's like in waves, small little groups of four or five canoes at a time.
- 12) From a helicopter over a period of time it might look like a accordion over time stretching out apart and then coming back together again and then stretching out and coming back together again so that we can regroup periodically in case there's problems. This way if I'm in the very end of the float I can still periodically communicate with the senior patrol leader at the very front of the float.

The Plan:

- 1) The Accordion. The two senior patrol leaders will buddy up in the lead canoe. Together, they will be responsible for the whole column. They will be instructed that roughly every half hour pull up the whole column on sandbars to regroup and to be either play or have lunch. They will also say when it's time to start back on the river. They will manage the time clock. They will be



instructed that no one passes them, unless they decide it is an emergency. After them, a patrol leader will take his patrol and stay behind the senior patrol leaders. Behind the senior patrol leader will be one natural patrol being led by its patrol. That patrol will be followed by a small group of parents that are not related to any boy in that patrol. This pattern will continue and wave after wave until my final wave follows up the rear.

2) Safety: Each patrol leader is responsible for the boys under his care or in his patrol, as well as anybody that drifts through and drops into his group, he's responsible for their safety as well, even if they're adults. If anyone in his group is having trouble managing their canoes, if he feels it's best, then he can decide to let them drop through to the next group behind. Parents will be instructed to not interfere with the boys in any way unless it actually involves safety issues. If the parents feel that they can't help the boys with their canoe skills, then they can decide to let that canoe drop through their group into the next. All canoers will wear life jackets. I will be in the last wave and will take full responsibility for any canoe that ends up in my wave.



Rewritten Proposal #3

Mr. Scoutmaster

Problem:

I will be taking 60 persons canoeing next weekend down Coldwater Creek, if the weather permits. Some of them are strangers to me. I will be the leader. It will take us most of the day.

How can I control this adventure and insure it is safe and fun for all because it will be a variety of ages?

Facts & Assumptions:

- 1) There will be two Boy Scout Troops with a total of 30 boys. A unknown number of parents and kids may join us.
- 2) Scouting has two outig goals, to have fun and train all of th boy leaders. They will run the show. The Scoutmaster's job is approve the plan. After that he's there to insure everybody's safe and happy. The Scoumaster can coach the boy leaders if necessary.
- 3) Two scouts will share a canoe. The parents are responsible for their canoes.
- 4) Actual water travel time is two and a half hours. We plan for 5 sandbar breaks, one for lunch.
- 5) My biggest concern is parents interfering with the boy leadership.
- 6) We expect 60 canoes. If they bunch them up, that may cause crashes.
- 7) We expect two Scoutmasters and two senior patrol leaders. How do I deal with those leaders that are equal?
- 8) We have no history of individyuals canoeing skills. How do we pair up the boys and treat the families? It might be best to allow individuals to decide this.
- 9) It might be best to separate the parents from their own sons so that they won't be tempted to interrupt the son in his patrol.
- 10) Due to water damage we probably won't have communication radios.



11. It would be best if the columns operate in accordion style waves, under small group leadership, with the entire float regrouping every half hour.

The Plan:

- 1) The Accordion. The two senior patrol leaders occupy the lead canoe at all times. Together, they are responsible for the float and manage the time. A Patrol leader will lead his natural patrol in the first wave behind the lead canoe. That patrol will be followed by a small group of parents that are not related to any boys in the patrol ahead of them. This pattern will continue for other waves until the final wave in the rear.
- 2) Safety: Each patrol leader is responsible for the boys in his patrol, as well as anybody that drifts through and drops into his group. He's responsible for their safety as well, even if they're adults. If anyone in a patrol leaders group is having trouble managing their canoes, if he feels it's best, then he can let them drop through to the next group behind. Parents will be instructed to not interfere with the boys in any way unless it actually involves safety issues. If the parents feel that they can't help the boys with their canoe skills, then they too can drop their wave next. All canoeers will wear life jackets. The last wave will be totally responsible for that wave.



Case 1: AI Chatbot Results

Below are AI results for the three example proposals using the chatbot. In each case, the text of the proposal was cut and pasted into the prompt. The results below were produced **without** the before and after examples as part of the AI training.

Proposal #1

AI Rewrite

Hosting the Family Christmas Eve Gathering

Problem Statement

The family plans to gather at Betty's house for Christmas Eve. However, hosting this event is financially and logistically challenging for one person to manage.

Facts & Assumptions

1. **Attendees:**
 - Total: 14 individuals (10 adults, 4 children).
 - Additional considerations: 2 small dogs that bark when the children become noisy.
2. **Perception of Capability:**
 - The family is unlikely to accept a claim of inability to host due to Betty's active lifestyle.
3. **Preparation Effort:**
 - House requires cleaning twice: once before the party and once after.

Proposed Solution

1. **Shared Responsibility:**
 - Transition to a potluck format where each attendee brings a side dish.
 - Betty will focus on hosting duties, such as organizing activities and engaging with grandchildren and great-grandchildren.
2. **Alternative (for humor):**
 - Run away from home (non-viable but included for levity).

This version removes redundancies, improves structure, and formalizes the language for better clarity. Let me know if further revisions are needed!

Proposal #2

AI Rewrite

Family Sunday Gathering Management

Author: Maynard G. Cribbs

Problem Statement

The extended family plans to visit for a Sunday gathering, creating financial strain due to the expectation of providing alcohol, particularly expensive whiskey and wine.

Facts & Assumptions

1. **Family Dynamics:**
 - One family member has alcohol dependency issues.
 - Three individuals are unemployed and consume expensive wine frequently.
 - There is general tension with four family members.
2. **Wife's Position:**
 - The wife will not support using deception to avoid hosting the gathering.
3. **Financial Constraints:**
 - Limited financial resources due to a week-long gap before the next paycheck.

Proposed Solution

1. **Cost Reduction:**
 - Serve the least expensive beer available in local stores as an alternative to costly whiskey or wine.
2. **Alternate (Non-Viable and Hyperbolic) Option:**
 - Engage in extreme avoidance behaviors (e.g., self-harm). *(Note: This is not a recommended solution but reflects emotional frustration.)*

This rewrite maintains the content and structure but eliminates unnecessary language while presenting a more formal tone. Let me know if you'd like further adjustments!

Proposal #3

AI Rewrite

Managing a Multi-Troop Canoe Trip on Coldwater Creek

Author: Mr. Scoutmaster

Problem Statement

Organizing and safely managing a canoe trip for 60 participants, including two Boy Scout Troops and accompanying parents, poses challenges in leadership coordination, group safety, and parental interference.

Facts & Assumptions

1. **Participants:**
 - 30 Scouts from two separate troops (12 boys in Troop A, 18 boys in Troop B).
 - Unknown number of parents, some of whom may bring additional children.
2. **Leadership Dynamics:**
 - Two senior patrol leaders (SPLs), one per troop.
 - Patrol leaders will run operations, as per Scout principles, under my oversight.
3. **Canoeing Arrangements:**
 - Two scouts per canoe.
 - Estimated total: 30-35 canoes.
 - Inexperience with canoeing is anticipated among many participants.
4. **Parental Influence:**
 - Parents may unintentionally undermine boy leadership by issuing instructions or interfering.
 - Parental focus will likely remain on their respective families.
5. **Trip Duration:**
 - Total travel time: 2.5 hours.
 - Five planned breaks on sandbars for rest, lunch, and time management.
6. **Safety and Logistics:**
 - All participants will wear life jackets.
 - The risk of canoes clustering together increases chances of collisions.
7. **Communication:**
 - Radios (e.g., walkie-talkies) are impractical and likely to be damaged.
 - Visual and verbal communication will be relied upon.
8. **Positioning Strategy:**

- A stretched column formation with natural groupings (waves) is ideal for safety and control.
 - I will remain at the rear to oversee stragglers and inexperienced paddlers.
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Plan

1. Leadership Structure

- **Lead Canoe:** The two senior patrol leaders will pair up and assume overall leadership of the column.
 - Responsibilities:
 - Regroup the column on sandbars approximately every 30 minutes.
 - Signal when breaks end and paddling resumes.
 - Ensure no canoe passes them except in emergencies.
 - **Patrol Grouping:**
 - Patrol leaders will manage their respective patrols, maintaining formation behind the lead canoe.
 - Each patrol will be followed by parents who are *not related* to boys in that patrol to minimize interference.
 - **Wave Formation:**
 - Small groups (4-5 canoes) will move in a staggered wave formation to maintain spacing and avoid collisions.
 - My position will be at the end of the column to handle any issues with inexperienced paddlers or stragglers.
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2. Safety Guidelines

- **Patrol Leader Responsibilities:**
 - Each patrol leader ensures the safety and progress of his patrol members.
 - If a canoe struggles, the patrol leader may allow it to drop back into the next group.
- **Parent Instructions:**
 - Parents will only intervene in matters involving safety.
 - If unable to assist struggling canoes, parents may allow the canoe to drop into the group behind them.
- **Equipment and Rules:**
 - All participants must wear life jackets throughout the trip.
 - Radios will not be used due to the risk of water damage.

3. Column Management

- **The "Accordion" Strategy:**
 - The column will naturally stretch and regroup, resembling an accordion movement.
 - This periodic regrouping allows for time management, problem resolution, and participant rest.
 - **Visual Overview:**
 - From an aerial perspective, the column will form small clusters of canoes, periodically spreading out and coming back together during regroup stops.
 - **Final Oversight:**
 - I will supervise from the rear to address challenges and maintain overall safety.
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Conclusion

By implementing structured leadership, maintaining staggered waves, and minimizing parental interference, the canoe trip can be both safe and enjoyable for all participants. The planned regrouping on sandbars will allow for efficient progress while providing opportunities for rest and adjustment.

This version preserves the details while improving the flow, structure, and clarity. Let me know if additional refinements are needed!



Case 2: AI Chatbot Results w/Examples

Below are AI results for the three example proposals using the chatbot. In each case, the text of the proposal was cut and pasted into the prompt. The results below were produced **using** the before and after examples as part of the AI training.

Example #1

AI Rewrite

Betty's Problem

Problem

Hosting a family gathering for Christmas Eve at my home imposes financial and logistical burdens, including food costs and preparation efforts.

Facts & Assumptions

1. The expected attendance includes 14 individuals: 10 adults and 4 children.
2. I have two small dogs that may become agitated by loud noise, especially from children.
3. My active lifestyle leads my family to perceive me as capable of hosting, making excuses about age or ability ineffective.
4. Hosting requires significant effort, including cleaning before and after the event.

Proposed Plan

1. **Collaborative Contribution:** Organize a potluck-style event where each guest contributes a side dish.
2. **Role Adjustment:** Focus on hosting duties, such as engaging with grandchildren and great-grandchildren, rather than managing all preparations independently.
3. **Minimized Stress:** Delegate preparation tasks to reduce the workload and maintain a welcoming environment.

This version streamlines the proposal, uses professional language, and aligns with technical writing conventions while preserving the original meaning and structure.

Example #2

AI Rewrite

Maynard G. Cribbs' Problem

Problem

Hosting a family gathering on Sunday imposes significant financial strain due to the cost of providing alcoholic beverages to guests with expensive preferences.

Facts & Assumptions

1. One family member struggles with alcoholism, and three others prefer costly wines but do not contribute financially.
2. Personal relationships with several attendees are strained.
3. Spouse declines to assist in avoiding the event through misrepresentation.
4. Financial constraints preclude the purchase of high-quality alcoholic beverages, as income is unavailable until the following week.

Proposed Plan

1. **Cost-Effective Refreshments:** Provide economical beer as the primary beverage to manage expenses.
2. **Communication Strategy:** Set clear expectations with family members about the limited resources available for the gathering to mitigate potential dissatisfaction.

This rewritten version reframes the original tone into a professional and pragmatic approach, maintaining the structure and addressing the concerns in a tactful manner.

Example #3

AI Rewrite

Mr. Scoutmaster's Problem

Problem

Leading a group of 60 individuals, including Boy Scouts, parents, and potential additional attendees, on a canoeing trip next weekend along Coldwater Creek poses logistical and safety challenges, particularly given the diverse ages, skill levels, and unfamiliarity among participants.

Facts & Assumptions

1. The group includes two Boy Scout Troops (12 boys in one and 18 in the other), their parents, and possibly additional children.
2. The troop members are unfamiliar with each other, and the other Scoutmaster is unknown but reputed to be cooperative.
3. Scouting activities prioritize two objectives:
 - o Providing an enjoyable experience for participants.
 - o Developing leadership skills among boy leaders, who will be primarily responsible for trip management under supervision.
4. Each canoe will accommodate two scouts, while parents will oversee their own groups independently.
5. The trip will involve approximately 2.5 hours of water travel with five planned breaks on sandbars for rest, recreation, and meals.
6. Parents' interference with boy leadership poses a risk to group cohesion and the training goals of the event.
7. Estimated canoe count is 30-35, with risks of collisions if groups are not properly managed.
8. Canoeing skills of participants are largely unknown, creating pairing challenges. Allowing self-selection for pairings may preserve the enjoyment of participants.
9. Separation of parents from their sons may mitigate micromanagement or embarrassment during the activity.
10. Radios are deemed impractical due to potential water damage; visual and verbal communication will be prioritized.
11. The group will be structured into smaller "waves" of canoes, operating in an accordion pattern, to ensure manageable and safe progression.

Proposed Plan

Group Management

1. **Accordion Structure:**

- The two senior patrol leaders will lead the group in the front canoe, managing time, pace, and scheduled regrouping every half-hour at sandbars.
- No participants may pass the lead canoe except in emergencies.
- Subsequent canoes will be arranged by patrol groups, each led by a patrol leader.
- Parents not directly associated with a patrol will follow patrol groups.
- The final group, led by the Scoutmaster, will manage stragglers and provide support for any struggling participants.

Safety Protocols

1. **Patrol Leader Responsibilities:**

- Patrol leaders will oversee the safety and management of their respective groups, including adults or others who join their wave.
- If participants experience difficulties, patrol leaders may allow them to drop back into the next wave.

2. **Parental Guidelines:**

- Parents will be instructed to refrain from interfering with boy leadership, except in safety-critical situations.
- If parents are unable to assist with canoe skills, they may transfer participants to another wave.

3. **General Safety:**

- Life jackets will be mandatory for all participants.
- The Scoutmaster, stationed in the rear group, will assume responsibility for resolving any unresolved issues and ensuring the safety of the final wave.

This plan ensures structured leadership, safety prioritization, and an enjoyable experience while fostering leadership development among the scouts.

This version is professional, precise, and aligned with technical writing standards while preserving the original intent and structure of the proposal.