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Load a Dishwasher

1. Reframing the question:
a. How do I load and run the dishwasher to clean dirty dishes after dinner?

2. Identifying the metrics:
1. Do I have a dishwasher?
2. How many dishes do I have that need to be cleaned?
3. How much space does my dishwasher have?
4. Do I have dishwasher soap?
5. Are items placed in the correct areas (e.g., plates on the bottom rack, cups on the top rack)?
6. Is there enough space between items for water to reach all surfaces?
7. Are bowls, plates, and utensils positioned properly to avoid water pooling or incomplete cleaning?
8. Are fragile items like glasses placed securely to prevent breakage?
9. Are large items like pots or baking sheets positioned in a way that won't block the spray arms?
10. Do I need to scrape off leftover food or rinse the dishes before loading?
11. How many dishes do i have to wash?
12. Am I using the correct amount of detergent based on the load size and soil level?
13. Are the dishes stacked near the dishwasher for easy loading?
14. How can I maintain the dishwasher to ensure it continues working effectively?

3. Retrieve/ Collect the data:
1. Collect the data (dishes and dishwasher) from my kitchen
2. Get the soap form supermarket
3. Scrape or rinse any leftover food from dishes to prevent clogging.
4. Ensure I have dishwasher detergent (either liquid or pods) ready.
5. Place dishes in the dishwasher according to size and type, with plates on the bottom rack, utensils in the basket, and glasses or cups on the top rack.
6. Ensure the dishwasher filter is clear of debris. A clean filter allows water to circulate properly and improves cleaning results.
7. Pick a detergent compatible with your dishwasher (e.g., pod, powder, or gel). Pods are convenient and pre-measured, while powders and gels can be adjusted based on load size.
8. Place large, heavy items like plates, pots, and pans on the bottom rack. Ensure they

don't block the spray arms, as this can prevent water from reaching other items.

4. **Data preparation:**
1. After making sure I have the required tools to gather this data I get my dirty dishes and get ready to load the dishwasher
2. Load plates, pots, and larger items on the bottom rack.
3. Place cups, glasses, and delicate items on the top rack.
4. Add utensils to the utensil basket, with forks, spoons, and knives facing down for safety.
5. Pour the detergent into the designated compartment.
6. Use a dishwasher pod or measure the correct amount of powder/gel detergent and put it in the detergent compartment.
7. Heavy/Intensive mode For very dirty dishes.

5. **Doing the analysis:**
1. Open up the dishwasher and put the dirty dishes in.
2. Heavily soiled dishes may require a "Heavy" or "Pots and Pans" cycle.
3. For regular dish loads, a standard or "Normal" cycle will be sufficient.
4. Use hot water if the dishwasher has an option for extra heat, as this improves cleaning effectiveness.

6. **Tell the story:**

I first find out if I have anymore clean dishes left in my house. After concluding that I do not and that I need to clean my dishes I check if I have a dishwasher. Then I find out how many dirty dishes I have and how much I have in the dishwasher. After doing so and figuring out that I have enough space in the dishwasher for all my dishes I start to load the dishwasher. I put the dishes in facing the center of the dishwasher angling slightly down. I also make sure not to block any of the sprayer arms. After doing so I put my soap in and have successfully loaded the dishwasher.