**Features that can be made from the data available from Shopify**

**1. Inventory & Stock Predictions**

* **Demand Forecasting Model**  
  Predict how many units of each product will sell in the coming weeks/months based on order history + seasonality.
* **Restock Timing Prediction**  
  AI can alert: *“You’ll run out of Product X in 12 days at the current sales rate.”*
* **Overstock Risk Detection**  
  Identify products that are not selling fast enough and will block cash if restocked too much.

**2. Cash Flow & Revenue Predictions**

* **Revenue Forecasting Model**  
  Use order history + seasonality to predict next week’s/month’s revenue.

**3. Customer Insights & Predictions**

* **Customer Lifetime Value (CLV) Prediction**  
  Estimate how much revenue a customer will generate in the future.
* **Churn Prediction**  
  Identify customers who are unlikely to purchase again.
* **Segmentation & Retargeting Suggestions**  
  AI groups customers into “loyal,” “new,” “one-time,” etc., for marketing & retention.

**How this ties into app:**  
Your AI Accountant won’t just “report numbers” — it can say things like:

* *“Product A is selling fast, you’ll need to restock in 9 days. If you invest $2,000 now, you’ll avoid losing $5,000 in missed sales.”*
* *“You’ll have $15,000 available cash in 3 weeks. Consider allocating $5,000 to ads for your top 3 products.”*
* *“30% of your customers are one-time buyers. Retargeting them could add $10,000 in recurring revenue.”*

**Future Work:**

* **Available Cash Projection**  
  Estimate how much free cash the store will have after expenses (using orders, returns, refunds).
* **Reinvestment Signals**  
  AI can suggest when extra cash will be available to reinvest in ads, stock, or expansion.
* **Profit Margin Prediction per Product**  
  Combine cost + sales price + shipping to predict profit contribution.
* **Dynamic Pricing Recommendation (Optional Future Feature)**  
  Suggest pricing adjustments based on sales velocity.