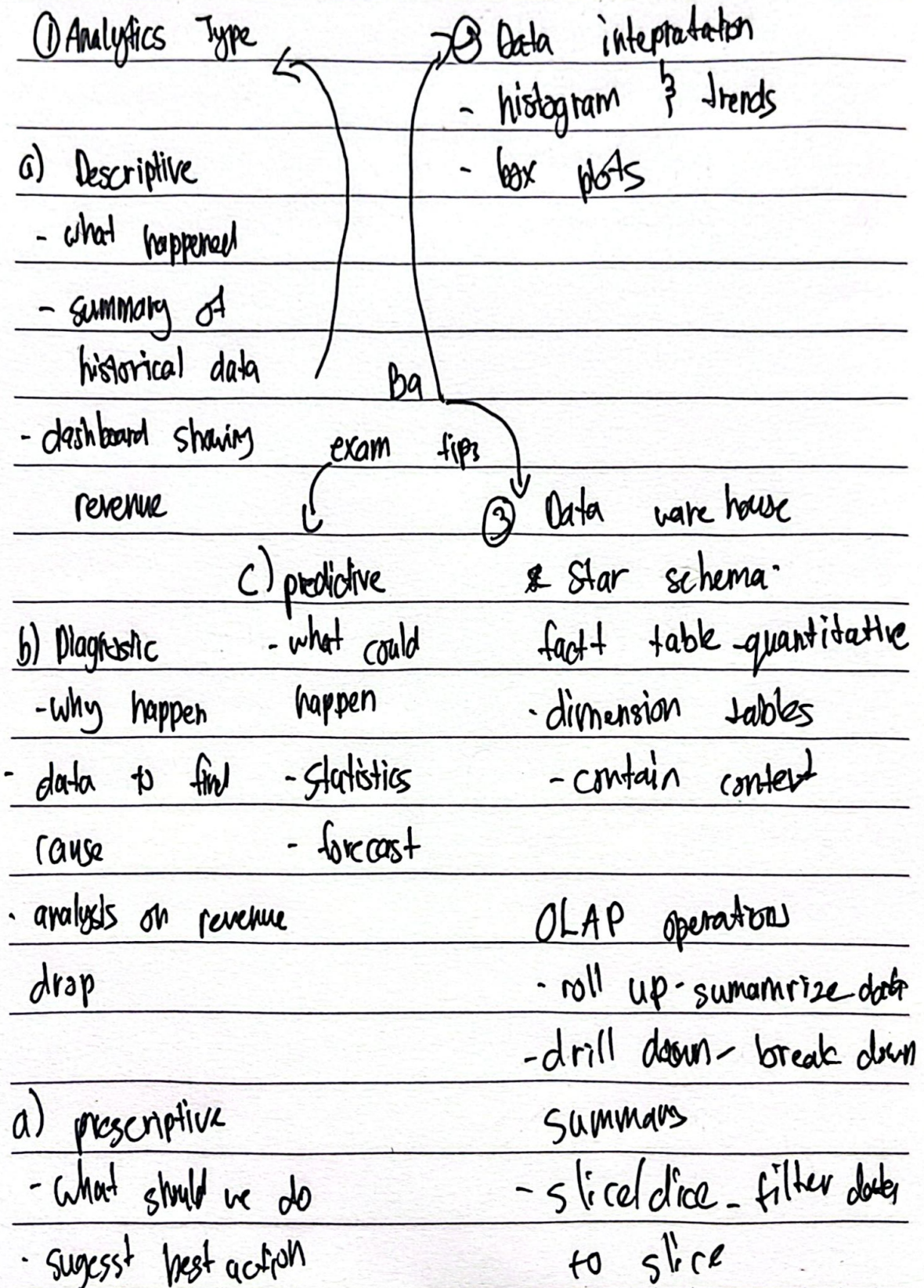




Mo Tu We Th Fr Sa Su

Memo No. _____

Date / /



- ③ Key metrics
- RMSE / MAE
 - accuracy of model
 - \downarrow = better
 - Cost of error
 - over forecasting expensive
 - no sub MFE
 - ensure prediction not high

formula

$$\text{Support} = \frac{\text{Count}(A \cap B)}{\text{Total trans}}$$

percentage of total transaction that contain itemset

popularity

BA

Supply chain strategy

- Just in time vs Ready stock
- JIT: reduce waste (goods when needed)
- safety stock extra as buffer but higher storage cost

tips

③ Association rules

confidence percentage of item B bought given A bought

$$\text{Confidence} = \frac{\text{Count}(A \cap B)}{\text{Count}(A)}$$

- cost vs service
- no max efficiency and max service together
- safety stock for critical items
- JIT for less critical items.

- lift
- ratio of support of independent items to observed items
- confidence
- support(B)
- if lift > 1, strong link

① Optimisation

① feasible region

- shaded region on graph that satisfies all constraints

- outside shooting

(can't achieve)

Big tips

② Data conflict & governance.

Owner vs stewards

① Data owner

- senior/primary stakeholder for data quality/security

② Data steward

- day-to-day management of data

Constraint 'impact

- binding constraints

- non binding constraints

- optimal point.

stewards → speed/access

owners → compliance

③ Roles

operational (get things done)

policy (follow rules)

Strategies

- automatic validation

- use software to check data quality

- role based access.