

# Título de la Clase

## (Subtitulo de la Clase)

Matias Ramos

Universidad Tecnológica Nacional - Facultad Regional Santa Fe

Training Camp 2025



# Gracias Sponsors!

Organizador



Diamond Plus



GTS

# Gracias Sponsors!

Platino



## FOLDER IT

INTERNATIONAL  
SOFTWARE COMPANY

Gold

NeuralSoft

Oro

 JERÁRQUICOS

Aliado



# Outline

① Part1

② Part2

① Part1

② Part2

Hello world!

- Introduction
- Task Formulation

- $a \in \mathcal{A} = \{\text{alice, bob, ...}\}$

## Example (Ejemplo)

$u_m$  can be:

$$u_m = \begin{cases} \text{苹果,} & \text{if } a == \text{"apple"} \\ \text{我不想回答你的问题,} & \text{if } a == \text{"refuse"} \\ \vdots & \vdots \end{cases}$$



## Definition (Def1)

A  $t - 1$  turn dialogue:

$$H^t := \{(u_u^1, pg^1, u_m^1), \dots, (u_u^{t-1}, pg^{t-1}, u_m^{t-1})\}, \quad (1)$$

where  $pg$  is the observation .

# Outline

① Part1

② Part2

---

**Algorithm 1** Forward algorithm.

---

**Require:** Transition model  $\mathcal{T}$ , value score model  $\mathcal{F}$ .

Compute  $\alpha^1$ .

**for**  $i = 2$  to  $t - 1$  **do**

Obtain  $v_+^i$  using the model in ??.

**if**  $i == t - 1$  **then**

Compute  $V_+(a)$  using  $\alpha^{t-1}$ .

**end if**

**end for**

**return**  $V_+(a)$  as a function.

---

Pueden consultarme durante esta semana, o me pueden enviar un mail a:

- [mramos@frsf.utn.edu.ar](mailto:mramos@frsf.utn.edu.ar)