

1. Descriptions of the service's general input and output.

This microservice exposes a PyTorch neural network model available that can predict an employee's salary based on their demographics and job skills. Hugging Face Spaces and a Gradio web interface are used to deploy the service. This app also provides an user-friendly UI and API access.

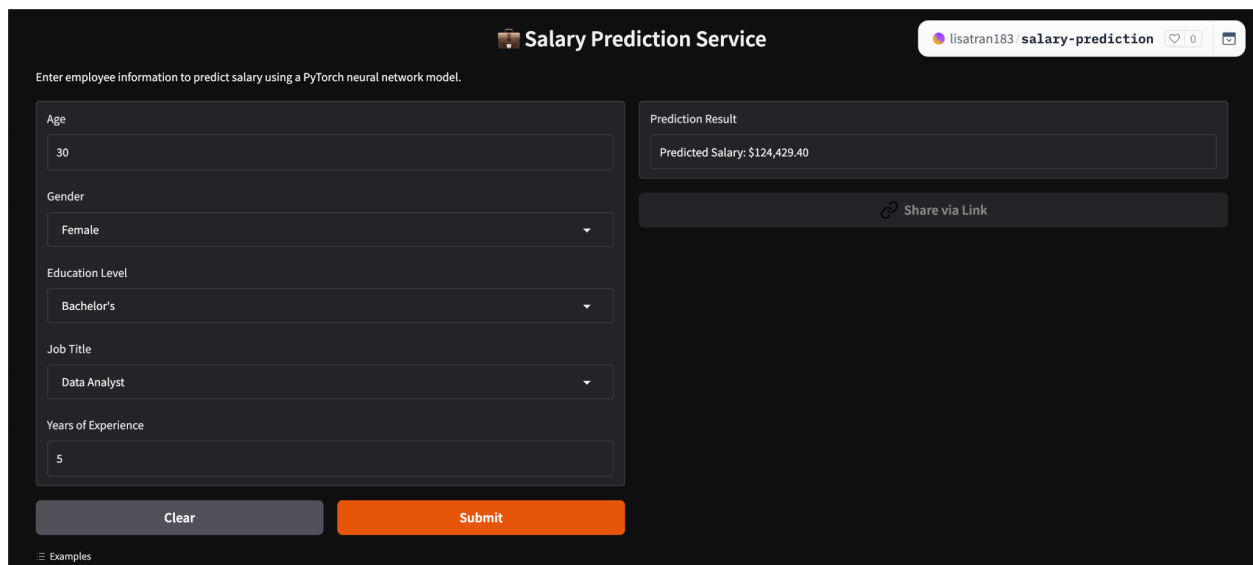
2. Specific examples of the service's input and output. Include screenshot(s) of a test api call input & output.

Input features:

- Age: Input a numerical value (18-80)
- Gender: Choose one in the category ("Male", "Female", "Other")
- Education Level: Choose one in the category ("High School", "Bachelor's", "Master's", "PhD")
- Job Title: Choose one in the category ("Data Analyst", "Data Scientist", "Software Engineer", "Product Manager", "Other")
- Years of Experience: Input a numerical value (0-50)

Output features:

- Prediction Result: A string showing the predicted annual salary in USD



The screenshot shows a web application titled "Salary Prediction Service" with a dark theme. The interface includes a header with the title and a user profile "lisatran183 salary-prediction". Below the header, a subtitle reads "Enter employee information to predict salary using a PyTorch neural network model." The main form is divided into two columns. The left column contains input fields for "Age" (30), "Gender" (Female), "Education Level" (Bachelor's), "Job Title" (Data Analyst), and "Years of Experience" (5). The right column displays the "Prediction Result" as "Predicted Salary: \$124,429.40" and a "Share via Link" button. At the bottom of the form are "Clear" and "Submit" buttons. A small "Examples" link is visible in the bottom left corner.

Salary Prediction Service

lisatran183 salary-prediction 0

Enter employee information to predict salary using a PyTorch neural network model.

Age

22

Gender

Female

Education Level

Bachelor's

Job Title

Software Engineer

Years of Experience

0

Prediction Result

Predicted Salary: \$127,719.09

Share via Link

Clear

Submit

3. The URL of the service.

<https://lisatran183-salary-prediction.hf.space/>