


```

occupation = data[6].strip()
relationship = data[7].strip()
race = data[8].strip()
sex = data[9].strip()
capital_gain = int(data[10].strip())
capital_loss = int(data[11].strip())
hours_per_week = int(data[12].strip())
native_country = data[13].strip()
income = data[14].strip()

# Generate a unique record ID (customize if needed)
record_id = f"{age}_{fnlwgt}_{education.replace(' ', '')}" # Ensure no spaces in the ID

# Insert into DynamoDB
table.put_item(
    Item={
        'record_id': record_id,
        'age': age,
        'workclass': workclass,
        'fnlwgt': fnlwgt,
        'education': education,
        'education_num': education_num,
        'marital_status': marital_status,
        'occupation': occupation,
        'relationship': relationship,
        'race': race,
        'sex': sex,
        'capital_gain': capital_gain,
        'capital_loss': capital_loss,
        'hours_per_week': hours_per_week,
        'native_country': native_country,
        'income': income
    }
)
print(f"Successfully put item: {record_id}")

except ValueError as e:
    print(f"Error converting data types: {e}")

else:
    print("Data is not in expected format or has incorrect length.")

except json.JSONDecodeError as e:
    print(f"Error decoding JSON data: {e}")

except (base64.binascii.Error, UnicodeDecodeError) as e:
    print(f"Error decoding Base64 data: {e}")

except (base64.binascii.Error, UnicodeDecodeError) as e:
    print(f"Error decoding Base64 data: {e}")
except ClientError as e:
    print(f"Error putting item to DynamoDB: {e}")

return {
    'statusCode': 200,

```

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'body': json.dumps('Data processed successfully')  
}
```