

最真實的SPS-C01認證考試的題目與答案

1. 项目团队发现项目有可能暴露于巨大的财务风险之中，若要管理这类风险，项目经理应该怎么做？
 - A. 回避 (Avoid)
 - B. 分享 (Share)
 - C. 转移 (Transfer)
 - D. 接受 (Accept)
2. 新项目经理正在制定项目管理计划，但项目经理对该项目领域没有经验，若要从中其他人的经验中获益，项目经理应该参考下列哪一项？
 - A. 团队绩效评估 (Team Performance assessment)
 - B. 绩效报告 (Performance report)
 - C. 历史信息 (Historical information)
 - D. 干系人登记册 (Stakeholder register)
3. 在项目过程中，发生了一个事件，该事件影响了项目成本，但是未影响到时间，项目团队识别为一个潜在的风险。若要限制该事件对于项目成本的影响，项目经理应该怎么做？
 - A. 查看风险登记册，确定既定的应对措施。
 - B. 分析该事件，包括对成本和时间的影响，并创建变更请求。
 - C. 制定权变措施，并立即实施，尽可能减少成本超支。
 - D. 执行敏感性分析，确定不同应对的成本超支灵活性。
4. 项目经理为客户领导一个产品开发项目，该项目由外部资金赞助，具有严格的付款计划和期限。在项目执行阶段，项目经理发现项目落后于进度。项目经理应该怎么做？
 - A. 执行进度压缩，满足既定的期限要求。
 - B. 签发变更请求，并让客户批准。
 - C. 不采取任何措施，因为合同没有规定产品延迟交付的处罚条款。
 - D. 减少质量审计的数量，实现按时交付。
5. 团队成员转移到新项目，项目经理转移到组织中的不同项目上，在检查组织项目的状态时，项目管理办公室通知说，该项目的合同未正常收尾，项目经理被要求纠正这个问题。项目经理应审查下列哪一项？
 - A. 记录管理系统 (Records management system)
 - B. 范围管理计划 (Scope management plan)
 - C. 采购审计 (Procurement audits)
 - D. 范围核实 (Scope verification)

此外，這些PDFExamDumps SPS-C01考試題庫的部分內容現在是免費的：<https://drive.google.com/open?id=1Mp2h98aUV2RfYrYwZDVNqhFIPi3QNQr>

Snowflake 的 SPS-C01 認證是熱門認證之一。如果獲得該項資格認證工程師，可以讓你增加求職砝碼。獲得與自身技術水準相符的技術崗位，將輕鬆跨入IT白領階層拿取高薪。針對 PDFExamDumps 的 SPS-C01 認證考試考古題，本題庫網提供兩種版本的題庫格式：SPS-C01 PDF版本(電子書格式)，可將題庫列印出來、可PC閱讀、可拷貝；SPS-C01 軟件版本，多能在線模擬測試，可以重複在多台電腦安裝使用，不限IP。

你肯定聽說過PDFExamDumps的SPS-C01考古題吧？但是，你用過嗎？我們經常會聽到“PDFExamDumps的考古題真是好資料，多虧了它我才通過了考試”這樣的話。PDFExamDumps從使用過考古題的人們那裏得到了很多的好評。這是因為它確實能幫助考生們節省很多時間，並保證大家順利通過考試。

>> 最新SPS-C01題庫 <<

SPS-C01證照 - 最新SPS-C01考題

SPS-C01 認證基於 Snowflake 雄厚的技術實力，和不斷上升的市場佔有率的影響，其認證考試也有條不紊地在全國範圍逐步展開，越來越多的考生要參加 Snowflake 的SPS-C01 考試。作為權威的認證，SPS-C01 認證考試也是十分豐富的。SPS-C01考試整體來說還是不算複雜的，只要事先將擬真試題看好就沒有問題了。這樣的話，可以為你的考試節省很多的時間。

最新的 Snowflake Certification SPS-C01 免費考試真題 (Q342-Q347):

問題 #342

You have a Snowpark DataFrame named 'transactions' containing transaction data'. You need to create a UDTF using Python to categorize transactions into 'High Value', 'Medium Value', and 'Low Value' based on the transaction amount and the customer's region. The categorization logic requires access to a dynamically updated lookup table stored in a Snowflake stage. Which approach would be MOST efficient and scalable, minimizing data transfer and maximizing Snowpark's vectorized operations?

- A. Create a vectorized UDF. Load the lookup table from the stage into the UDF's environment once during initialization. Then, process transactions in batches using pandas DataFrames within the UDF.
- B. Create a vectorized UDTF that loads the lookup table into memory during the first call, and then caches it for subsequent calls. Implement a refresh mechanism using a Snowflake external function triggered by stage updates.
- C. Use a scalar UDF, reading the lookup table from the stage for each transaction. This ensures data consistency but may incur significant overhead for each row processed.
- D. Use a UDTF with the parameter, reading the lookup table directly into the UDTF using a Snowpark DataFrame and joining it with each batch of the 'transactions DataFrame. Materialize the result to a temporary table.
- E. Define a scalar UDF that queries the lookup table directly from Snowflake using a Snowflake connector. This avoids data transfer to the UDF but introduces external dependency and connection management overhead for each row.

答案: A

解題說明:

A vectorized UDF is the most efficient approach. It allows processing data in batches using pandas DataFrames, leveraging vectorized operations for faster execution. Loading the lookup table once during initialization and reusing it avoids repeated data transfer. While option E sounds appealing, caching mechanisms can get complex to manage for data recency. Snowflake stages are generally more suitable as temporary lookup tables rather than permanent caching solution as they're design for data loading operations.

問題 #343

You have a Snowpark DataFrame 'df' containing customer data with columns 'customer id', 'name', 'age', and 'city'. You want to filter the DataFrame to include only customers from 'New York' who are older than 30, then extract the 'customer id' and 'name' into a Rows object, and finally print the 'name' of the first row in the Rows object. Which of the following code snippets correctly achieves this using Snowpark Python?

- A.
- B.
- C.
- D.
- E.

答案: B

解題說明:

The correct answer is C. The code first filters the DataFrame based on the specified conditions. Then, it selects the 'customer_id' and 'name' columns. The 'collect()' method retrieves the data as a list of Rows objects. Finally, correctly accesses the 'name' attribute of the first row in the list. A uses dictionary access which is incorrect for Row objects, B iterates the dataframe and does not get the first row correctly, D accesses the list by index (incorrect approach) and E is only required in scala

問題 #344

Consider two Snowpark DataFrames, 'employees' and 'departments', with the following schemas: 'employees': (employee_id: Integer Type, employee_name: StringType, department_id: Integer Type, salary: IntegerType) 'departments': (department_id: Integer Type, department_name: StringType, location: StringType) You want to find the highest salary within each department, along with the department name and location, and display the results in a Snowpark DataFrame. Which of the following Snowpark Python code snippets correctly achieves this?

- A.
- B.
- C.
- D.

- E. ◻

答案： A

解題說明：

Option A correctly groups the 'employees' DataFrame by 'department_id', calculates the maximum salary for each department using and then joins the resulting DataFrame with the 'departments' DataFrame on Finally, it selects the required columns: department name, location, and the calculated maximum salary. Option B is not correct as it calculates the rank of all salaries within each department but it does not aggregate on 'department_id'. Option C incorrectly attempts to group by columns from both tables before joining. Option D incorrectly uses the un-joined employees table where rank_salaries are from department_id. Option E will not work due to table names during select. It tries to use 'joined_df' table for columns which doesn't have it.

問題 #345

You are tasked with setting up Snowpark sessions using environment variables defined in a .env' file. You have successfully installed the 'python-dotenv' package and configured your .env' file with the necessary Snowflake connection parameters. However, when your Snowpark application attempts to create a session, it fails with a connection error. Which of the following could be the possible reasons for the failure, assuming you are correctly using 'os.getenv' to access the environment variables?

- A. The required environment variables (e.g., 'SNOWFLAKE_USER, SNOWFLAKE_PASSWORD, 'SNOWFLAKE_ACCOUNT') are not defined or are incorrectly named in the '.env' file.
- B. The warehouse defined in your session creation code does not exist or the role defined in the 'snowflake.connector.connect' does not have appropriate warehouse privileges.
- C. The 'python-dotenv' package was installed, but the '.env' file wasn't loaded by calling before creating the session.
- D. The Snowflake account identifier specified in the '.env' file is incorrect or inaccessible from the network where the Snowpark application is running.
- E. The .env' file is not located in the same directory as the Python script.

答案： A,B,C,D

解題說明：

The correct answers are B, C, D, and E. A Snowpark session creation can fail for multiple reasons related to environment variables. B: Incorrect or missing environment variables in the .env' file will cause the connection to fail. C: Failing to call ' will prevent the environment variables from being loaded, leading to the connection error. D: An incorrect account identifier or network inaccessibility will prevent a connection from being established. E: If the defined warehouse doesn't exist, the session creation will fail due to Snowflake resource constraints. A, stating the file must be in the same directory is incorrect as the path can be specified to the function.

問題 #346

You are developing a Snowpark application that uses a Python UDF to perform geocoding operations. This UDF relies on a third-party geocoding library and a large dataset of geographical data stored in a file named 'geodata.db'. The UDF needs to be operationalized with minimal latency. Which of the following strategies will result in the FASTEST execution of the UDF and optimal resource utilization?

- A. Package the geocoding library and 'geodata.db' file into a ZIP file. Upload the ZIP file to a Snowflake stage and reference it using 'imports' in the UDF definition. Use a virtual environment to manage package dependencies.
- B. Create a Java UDF that performs the geocoding using a Java geocoding library. Upload the JAR file and 'geodata.db' to a stage and reference them using the 'imports' clause. Java UDFs always perform faster than Python UDFs.
- C. Create a custom Anaconda channel containing the geocoding library and 'geodata.db'. Configure the Snowflake account to use this channel. No need to use virtual environment.
- D. Use an external function that calls a geocoding service over the internet. Store 'geodata.db' in an S3 bucket and access it from the external function. Call the external service whenever it requires it.
- E. Package the geocoding library and 'geodata.db' file into a ZIP file. Upload the ZIP file to a Snowflake stage and reference it using 'imports' in the UDF definition. Ensure 'geodata.db' is loaded only once into memory per worker process using global variable and proper caching for subsequent UDF invocations. Use a virtual environment to manage package dependencies.

答案： E

解題說明：

Option E is the most efficient strategy. Packaging the library and data file in a ZIP, referencing it with 'imports', and using a global

variable with caching within the UDF minimizes latency by loading the data only once per worker. It also benefits from utilizing the parallel processing capabilities of Snowpark. Using Java UDF's (C) is less efficient, unless it is highly optimized since java conversion can happen and adds overhead. Relying on external geocoding services (D) introduces network latency and is not ideal for performance. While a custom Anaconda channel (B) can simplify dependency management, it does not address the issue of loading the large 'geodata.db' file efficiently. Option A addresses the dependency management but performance is not addressed.

問題 #347

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每個人都有自己的人生規劃，選擇不同得到的就不同，所以說選擇很重要。PDFExamDumps Snowflake的SPS-C01考試認證培訓資料是幫助每個IT人士實現自己人生宏偉目標的最好的方式方法，它包括了試題及答案，並且和真實的考試題目不相上下，真的是所謂稱得上是最好的別無二選的培訓資料。

SPS-C01證照: https://www.pdfexamdumps.com/SPS-C01_valid-braindumps.html

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噹噹噹。意識中源寶似乎在顫動雀躍，否則哪會有那麼多聖地衰敗 只有成為武仙，才能永生不死，所以PDFExamDumps不僅是個產品品質很好的網站，還是個售後服務很好的網站，但是在不斷的溝通交流之後，我明顯感覺到了自己的進步，慢慢的，我在這個SPS-C01學習圈子裡的地位也越來越高了。

快速下載最新SPS-C01題庫 & Snowflake SPS-C01證照：Snowflake Certified SnowPro Specialty - Snowpark終於通過了

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