

## Azure Bash 환경하여 스토리지 만든 후, 필요한 파일 다운 받기

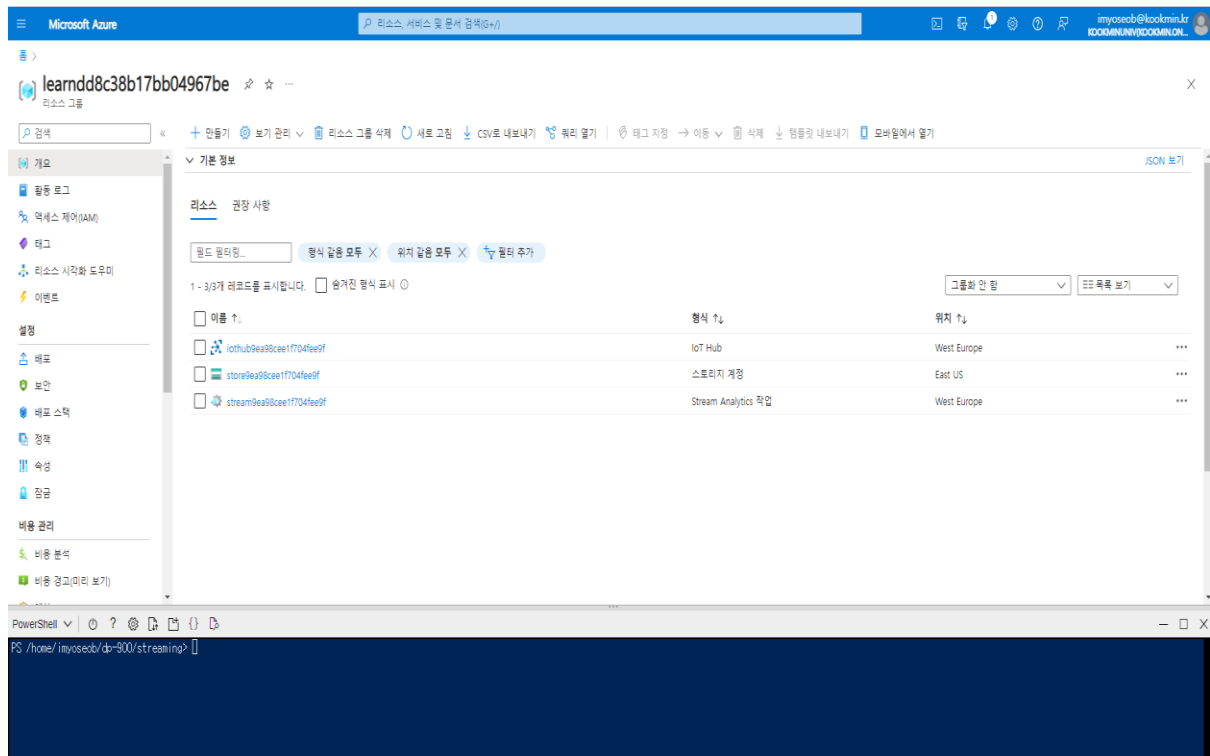
The image shows a screenshot of the Microsoft Azure portal and a PowerShell terminal window. The Azure portal is open in a web browser, displaying the 'Azure 서비스' (Azure Services) page. The browser's address bar shows 'portal.azure.com/#home'. The portal's header includes the Microsoft Azure logo, a search bar, and the user's email 'imyoseob@kookmin.kr'. The main content area lists various Azure services with icons and labels: '리소스 만들기' (Create Resource), '모든 리소스' (All Resources), '비용 관리 + 청구' (Cost Management + Billing), '리소스 그룹' (Resource Groups), '스토리지 계정' (Storage Accounts), 'Azure Cosmos DB', 'Azure Synapse Analytics', '가상 머신' (Virtual Machines), 'SQL 데이터베이스' (SQL Databases), and '추가 서비스' (More Services). Below the portal, a PowerShell terminal window is open, showing the execution of a git clone command to download the 'DP-900T00A-Azure-Data-Fundamentals' repository. The terminal output shows the cloning process, including enumerating objects, counting objects, compressing objects, and receiving objects. The final output shows the directory structure: 'clouddrive dp-900 Microsoft'.

Microsoft Azure portal interface showing the 'Azure 서비스' (Azure Services) section. The interface includes a search bar, navigation icons, and a list of services: 리소스 만들기, 모든 리소스, 비용 관리 + 청구, 리소스 그룹, 스토리지 계정, Azure Cosmos DB, Azure Synapse Analytics, 가상 머신, SQL 데이터베이스, and 추가 서비스.

PowerShell terminal window showing the execution of a git clone command to download the 'DP-900T00A-Azure-Data-Fundamentals' repository. The output shows the cloning process, including enumerating objects, counting objects, compressing objects, and receiving objects. The final output shows the directory structure: clouddrive dp-900 Microsoft.

```
PS /home/imyoseob> git clone https://github.com/MicrosoftLearning/DP-900T00A-Azure-Data-Fundamentals dp-900
Cloning into 'dp-900'...
remote: Enumerating objects: 4316, done.
remote: Counting objects: 100% (184/184), done.
remote: Compressing objects: 100% (34/34), done.
remote: Total 4316 (delta 165), reused 151 (delta 148), pack-reused 4132
Receiving objects: 100% (4316/4316), 10.25 MiB | 16.09 MiB/s, done.
Resolving deltas: 100% (1109/1109), done.
PS /home/imyoseob> ls
clouddrive dp-900 Microsoft
PS /home/imyoseob>
```

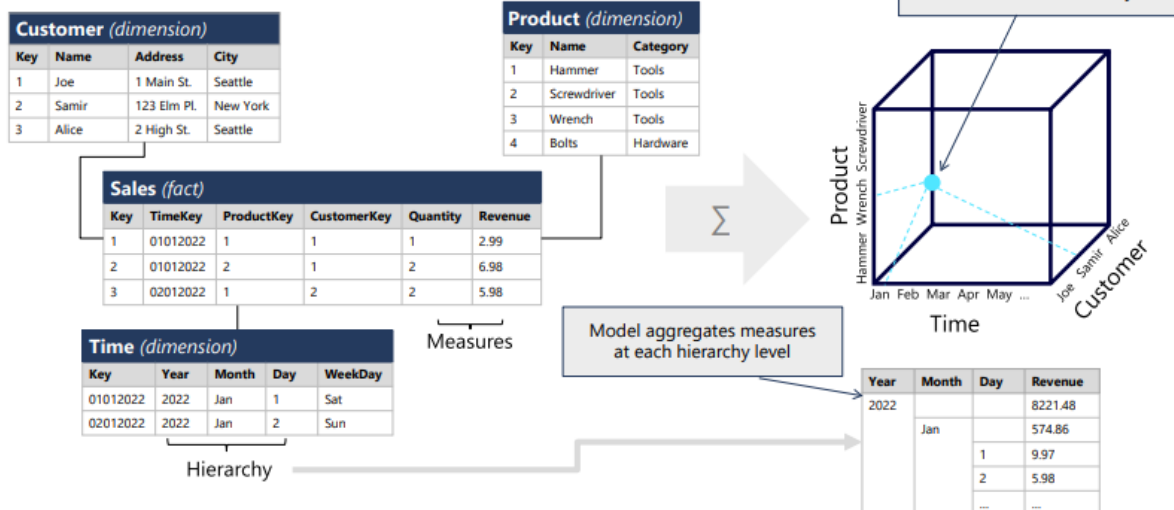
setup.sh 실행시킨 후, 리소스 그룹으로 이동



Power BI 설치 후, 웹에서 데이터와서 로드하기



## Analytical data modeling



**제품 없음 - Power BI Desktop**

파일 홈 삽입 모델링 보기 최적화 도움말

데이터 가져오기 Excel 통합 문서 OneLake 데이터 허브 Datasource SQL Server 데이터

데이터 리본 데이터 변환 새로 고침 새 시각적 개체 텍스트 상자 다른 시각적 개체 삽입

계산 측정값 측정값 만능도 공유

시각화

https://github.com/MicrosoftLearning/DP-900T00A-Azure-Data-Fundamentals/raw/mas...

파일 원본 구분 기호 데이터 형식 검색  
65001: 유니코드(UTF-8) 임의 첫 200개 행 기준

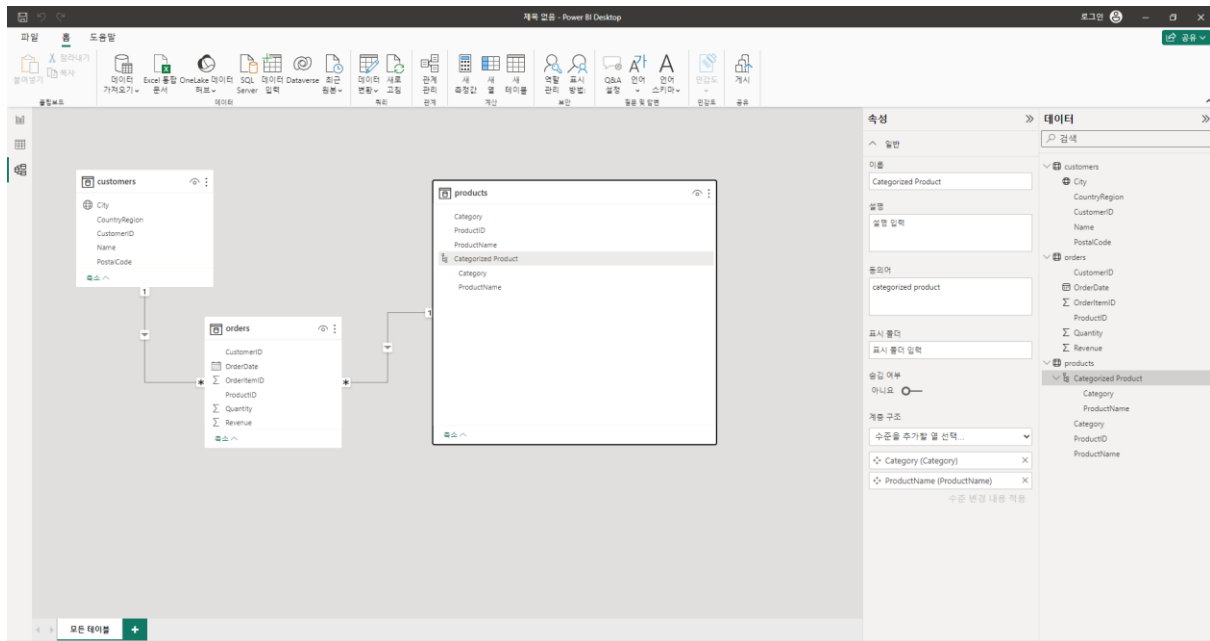
CustomerID	Name	PostalCode	City	CountryRegion
29485	Catherine Abel	91411	Van Nuys	United States
29486	Kim Abercrombie	55056	Branch	United States
29489	Frances Adams	95354	Modesto	United States
29490	Margaret Smith	83501	Lewiston	United States
29492	Jay Adams	64106	Kansas City	United States
29494	Samuel Agcaoli	M4B 1V5	Toronto	Canada
29496	Robert Ahlering	85701	Tucson	United States
29497	François Ferrier	82601	Casper	United States
29499	Amy Alberts	V6B 3P7	Richmond	Canada
29502	Paul Alcorn	82901	Rock Springs	United States
29503	Gregory Alderson	H1Y 2H5	Montreal	Canada
29505	Michelle Alexander	89030	North Las Vegas	United States
29506	Sean Jacobson	85233	Gilbert	United States
29508	Marvin Allen	77478	Sugar Land	United States
29510	Cecil Allison	K2J 2W5	Nepean	Canada
29511	Oscar Alpuerto	80537	Loveland	United States
29515	Maxwell Amland	T2P 2G8	Calgary	Canada
29517	Ramona Antrim	48601	Saginaw	United States
29521	Tom Johnston	89106	Las Vegas	United States
29522	Thomas Armstrong	90232	Culver City	United States

크기 제한으로 인해 미리 보기의 데이터가 잘렸습니다.

예제를 사용하여 테이블 추출 로드 데이터 변환 취소

1 페이지

## 계층 생성 및 계층 구조 추가



Product 테이블에서 Category 필드 계층 생성 후, Product 테이블에서 ProductName 필드를 카테고리 계층 구조에 추가 및 선택

## 보고서 만들기

데이터 패널에서 Product 테이블의 Categorized Products 필드 선택 후 테이블에 추가 및 Revenue 선택하여 수익확인

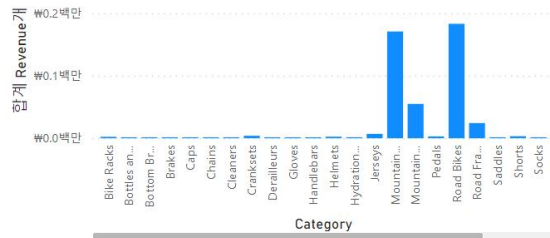
### Sales Report

Category	ProductName	합계 Revenue개
Shorts	Women's Mountain Shorts, S	₩1,955.996532
Shorts	Women's Mountain Shorts, M	₩209.97
Shorts	Women's Mountain Shorts, L	₩1,133.838
Bottles and Cages	Water Bottle - 30 oz.	₩158.206952
Touring Bikes	Touring-3000 Yellow, 62	₩8,650.15914
Touring Bikes	Touring-3000 Yellow, 58	₩1,336.23
Touring Bikes	Touring-3000 Yellow, 54	₩2,672.46
Touring Bikes	Touring-3000 Yellow, 50	₩4,008.69
Touring Bikes	Touring-3000 Yellow, 44	₩8,017.38
Touring Bikes	Touring-3000 Blue, 62	₩1,336.23
Touring Bikes	Touring-3000 Blue, 58	₩2,672.46
Touring Bikes	Touring-3000 Blue, 54	₩6,681.150000000001
Touring Bikes	Touring-3000 Blue, 50	₩10,244.43
Touring Bikes	Touring-3000 Blue, 44	₩2,227.05
Touring Bikes	Touring-2000 Blue, 60	₩7,289.1
Touring Bikes	Touring-2000 Blue, 54	₩13,120.38
Touring Bikes	Touring-2000 Blue, 50	₩6,560.190000000001
Touring Bikes	Touring-2000 Blue, 46	₩6,560.190000000001
Touring Bikes	Touring-1000 Yellow, 60	₩23,413.47466
Touring Bikes	Touring-1000 Yellow, 54	₩5,721.768
Touring Bikes	Touring-1000 Yellow, 50	₩7,152.21
Touring Bikes	Touring-1000 Yellow, 46	₩17,165.304
<b>합계</b>		<b>₩708,690.1530639996</b>

## Stacked column chart, Pie Chart, Map Visualization

## Sales Report

합계 Revenue개, Category



합계 Quantity개, Category

