



ATLANTIC COASTAL CONFERENCE HISTORICAL FOOTBALL SEASONS DATABASE

Nick Videtti
IST-659 Section M407
Spring 2022

Summary

Let's create a scenario where a group of student-athletes have all been offered a full-ride football scholarship to many colleges and universities. For the sake of even further simplicity, let's assume that those colleges and universities are only those whose football program has ever been a part of the Atlantic Coastal Conference (ACC). Between location, academics, program history, and past Heisman Trophy winners, this database will allow each student-athlete to make the best decision for themselves and their future in choosing which program to join. This database will have different roles (logins and users) for Administrators, Analysts, and Queryers. It will also have a UI via Microsoft Access.

Stakeholders

ACC:

Once created, this database will hypothetically be updated and maintained by the Atlantic Coastal Conference. Through data analysis of this database, they will also answer some common data questions they expect may be frequently asked, as well as anything requested from schools.

Schools:

The schools will take data-related questions from prospective students and have the ACC provide the answers to those questions. These schools will turn to the ACC for answers to their own data-related questions, which will help those schools to advertise their programs by identifying some of the most impressive results from those data-related questions.

Student-Athletes:

Prospective student athletes will have the opportunity to request answers from each school to data-related questions based on this database.

Business Rules

Schools:

We will include all schools that have ever played a season in the ACC. This goes back to the inaugural ACC Football season in 1953.

Seasons:

Each season is played by one school during one year. That is, one school can not play more than one season per year.

ACC Championships:

During each ACC season, a champion has been crowned. Generally, and certainly in the current season format, there is one champion per year. There have been co-champions before, so we will account for that. That is, each championship is won during one year by one or more schools, and one school can not win more than one championship per year.

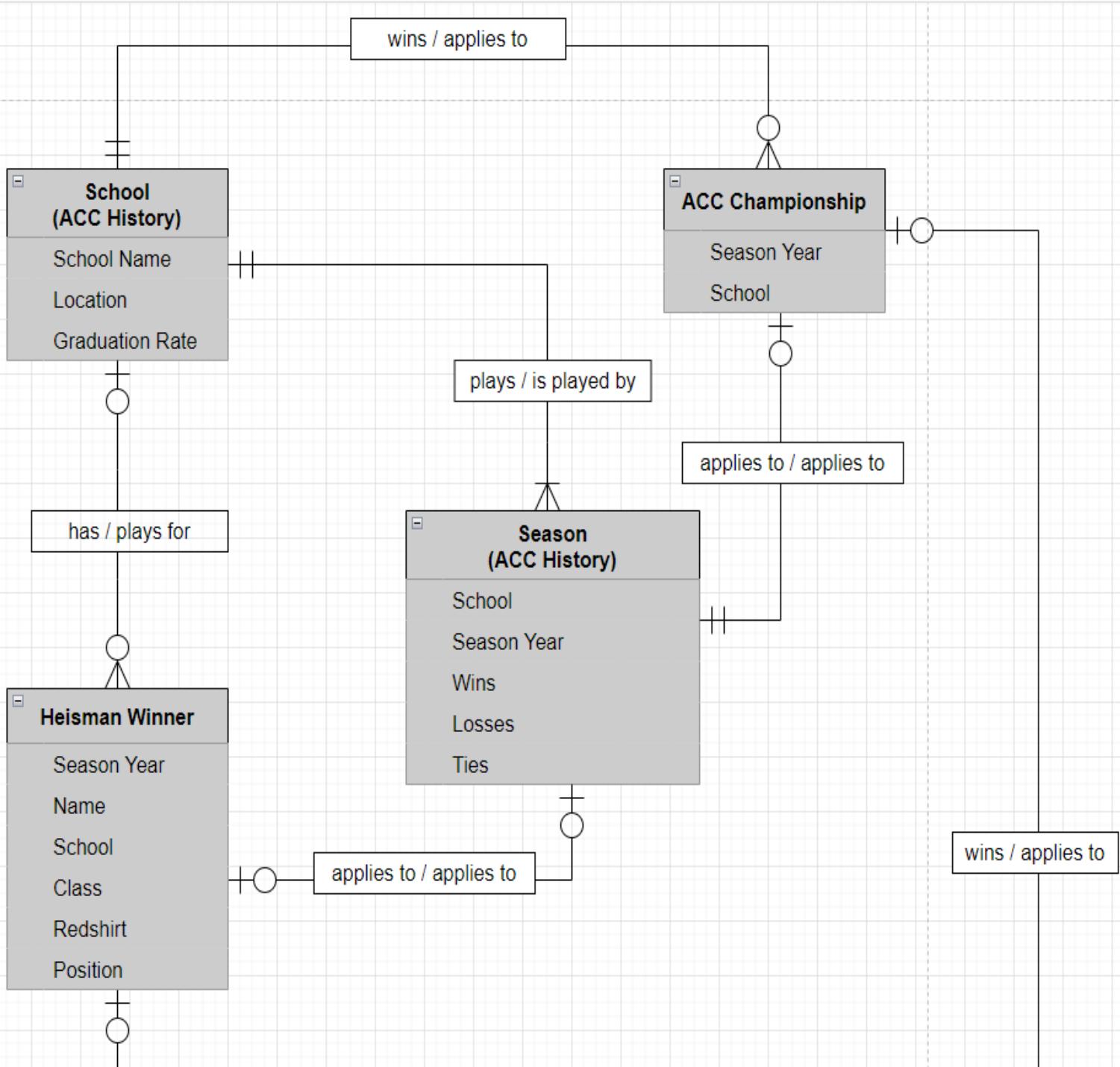
Heisman Trophy Winners:

Every season since 1935, one and only one student-athlete has been awarded the Heisman Trophy. We will include all Heisman winners from all seasons, not just those corresponding to ACC seasons.

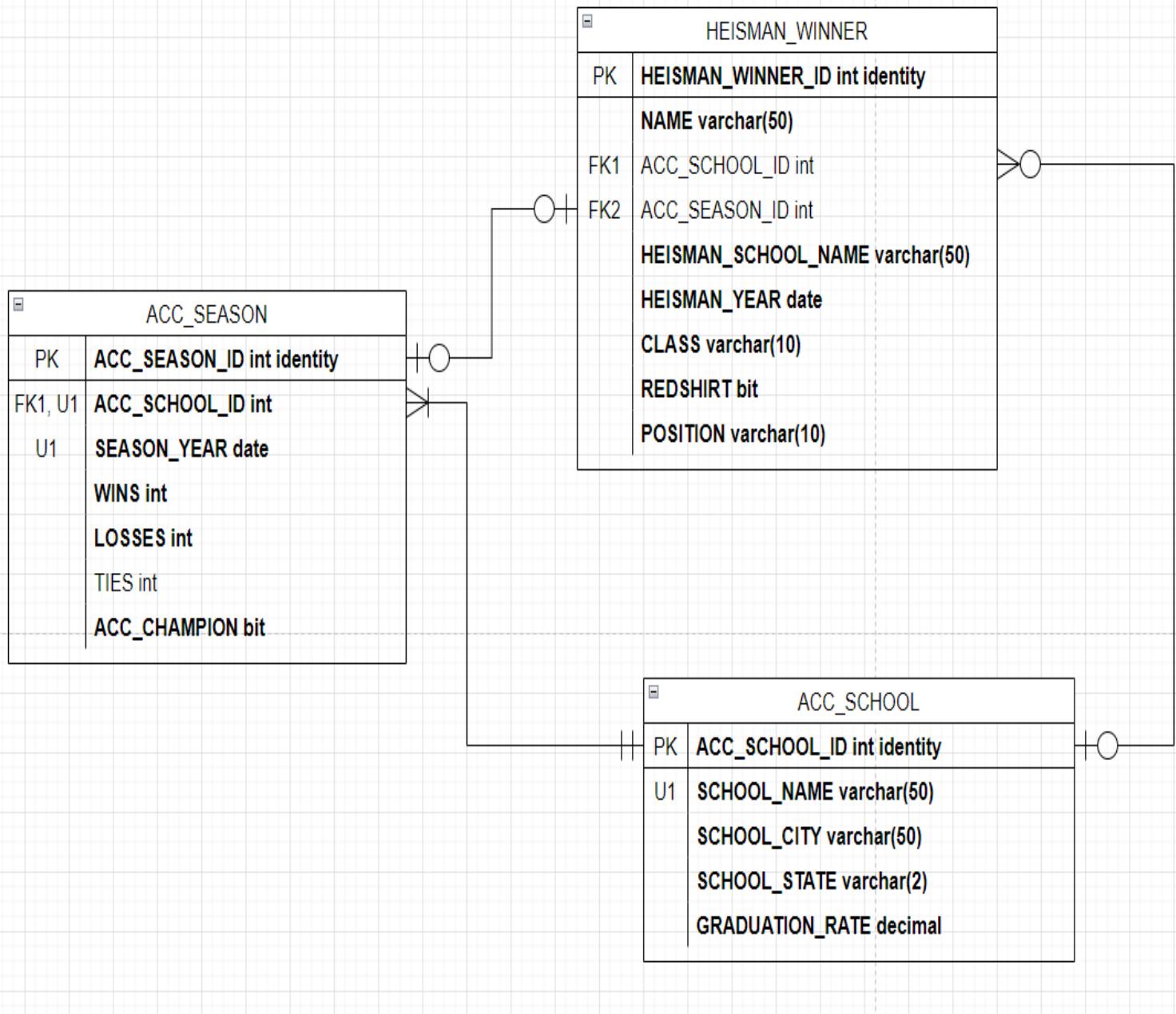
Top 5 Data Questions

1. What school has had the most wins in ACC history?
2. What school has had the most Heisman trophies won by an ACC player?
3. Assuming a given student-athlete is from West Virginia, Which schools are in West Virginia or in a state bordering West Virginia?
(West Virginia, Maryland, Virginia, Kentucky, Ohio, or Pennsylvania)
4. What school has had the most undefeated (0 loss) seasons?
5. Are there any schools in the top 5 for all three of the following metrics?
 - i. ACC Championships
 - ii. Heisman trophies won by an ACC player
 - iii. Graduation rate

CONCEPTUAL MODEL



NORMALIZED LOGICAL MODEL



Data Definition Language (DDL)

```
1 --Dropping tables, views, and stored procedures so code can be ran repeatedly and everything is recreated each time
2 DROP TABLE IF EXISTS HEISMAN_WINNER
3 DROP TABLE IF EXISTS ACC_SEASON
4 DROP TABLE IF EXISTS ACC_SCHOOL
5 DROP VIEW IF EXISTS HEISMAN_VIEW
6 DROP VIEW IF EXISTS ACC_SEASONS_VIEW
7 DROP VIEW IF EXISTS ACC_SCHOOLS_VIEW
8 DROP PROCEDURE IF EXISTS ENTER_HEISMAN
9 DROP PROCEDURE IF EXISTS ENTER_SEASON
10 DROP PROCEDURE IF EXISTS HEISMAN_WINNER_ACC SCHOOL_ID
11 DROP PROCEDURE IF EXISTS HEISMAN_WINNER_ACC SEASON_ID
```

```
--Creating ACC_SCHOOL table
CREATE TABLE ACC_SCHOOL(
    ACC_SCHOOL_ID INT IDENTITY PRIMARY KEY,
    SCHOOL_NAME VARCHAR(50) UNIQUE NOT NULL,
    SCHOOL_CITY VARCHAR(50) NOT NULL,
    SCHOOL_STATE VARCHAR(2) NOT NULL,
    GRADUATION_RATE DECIMAL(4,3) NOT NULL)
```

```
--Creating ACC_SEASON table
CREATE TABLE ACC_SEASON(
    ACC_SEASON_ID INT IDENTITY PRIMARY KEY,
    ACC_SCHOOL_ID INT NOT NULL,
    SEASON_YEAR DATE NOT NULL,
    WINS INT NOT NULL,
    LOSSES INT NOT NULL,
    TIES INT,
    ACC_CHAMPION BIT NOT NULL,
    CONSTRAINT FK1_ACC_SEASON
        FOREIGN KEY (ACC_SCHOOL_ID) REFERENCES ACC_SCHOOL(ACC_SCHOOL_ID),
    CONSTRAINT U1_ACC_SEASON
        UNIQUE (ACC_SCHOOL_ID, SEASON_YEAR))
```

```
--Creating HEISMAN_WINNER table
CREATE TABLE HEISMAN_WINNER(
    HEISMAN_WINNER_ID INT IDENTITY PRIMARY KEY,
    NAME VARCHAR(50) NOT NULL,
    ACC_SCHOOL_ID INT,
    ACC_SEASON_ID INT,
    HEISMAN SCHOOL_NAME VARCHAR(50) NOT NULL,
    HEISMAN_YEAR DATE NOT NULL,
    CLASS VARCHAR(10) NOT NULL,
    REDSHIRT BIT NOT NULL,
    POSITION VARCHAR(10) NOT NULL,
    CONSTRAINT FK1_HEISMAN_WINNER
        FOREIGN KEY (ACC_SCHOOL_ID) REFERENCES ACC_SCHOOL(ACC_SCHOOL_ID),
    CONSTRAINT FK2_HEISMAN_WINNER
        FOREIGN KEY (ACC_SEASON_ID) REFERENCES ACC_SEASON(ACC_SEASON_ID))
```

Data Manipulation Language (DML)

(All of ACC_SCHOOL)

```
--INSERTING data into ACC_SCHOOL
INSERT INTO ACC_SCHOOL (SCHOOL_NAME, SCHOOL_CITY, SCHOOL_STATE, GRADUATION_RATE) VALUES
    ('Clemson University', 'Clemson', 'SC', 0.828),
    ('Duke University', 'Durham', 'NC', 0.956),
    ('University of Maryland', 'College Park', 'MD', 0.854),
    ('University of North Carolina', 'Chapel Hill', 'NC', 0.893),
    ('North Carolina State University', 'Raleigh', 'NC', 0.808),
    ('University of South Carolina', 'Columbia', 'SC', 0.78),
    ('University of Virginia', 'Charlottesville', 'VA', 0.943),
    ('Wake Forest University', 'Winston-Salem', 'NC', 0.883),
    ('Georgia Institute of Technology', 'Atlanta', 'GA', 0.872),
    ('Florida State University', 'Tallahassee', 'FL', 0.825),
    ('University of Miami', 'Coral Gables', 'FL', 0.816),
    ('Virginia Tech', 'Blacksburg', 'VA', 0.835),
    ('Boston College', 'Chestnut Hill', 'MA', 0.919),
    ('University of Notre Dame', 'Notre Dame', 'IN', 0.969),
    ('University of Pittsburgh', 'Pittsburgh', 'PA', 0.825),
    ('Syracuse University', 'Syracuse', 'NY', 0.826),
    ('University of Louisville', 'Louisville', 'KY', 0.559)
```

(Just the first few for HEISMAN_WINNER)

```
--INSERTING into HEISMAN_WINNER table. WILL ENTER ACC_SCHOOL_ID and ACC_SEASON_ID LATER
INSERT INTO HEISMAN_WINNER (HEISMAN_YEAR,NAME,HEISMAN SCHOOL_NAME,POSITION,CLASS,REDSHIRT) VALUES
('1935','Jay Berwanger','Chicago','HB','Senior',0),
('1936','Larry Kelley','Yale','End','Senior',0),
('1937','Clint Frank','Yale','HB','Senior',0),
('1938','Davey O''Brien','TCU','QB','Senior',0),
('1939','Nile Kinnick','Iowa','HB/QB','Senior',0),
('1940','Tom Harmon','Michigan','HB','Senior',0),
('1941','Bruce Smith','Minnesota','HB','Senior',0),
('1942','Frank Sinkwich','Georgia','HB','Senior',0),
('1943','Angelo Bertelli','University of Notre Dame','QB','Senior',0),
('1944','Les Horvath','Ohio State','HB/QB','Senior',0),
('1945','Doc Blanchard','Army','FB','Junior',0),
('1946','Glenn Davis','Army','HB','Senior',0),
('1947','Johnny Lujack','University of Notre Dame','QB','Senior',0),
('1948','Doak Walker','SMU','HB','Junior',0),
('1949','Leon Hart','University of Notre Dame','End','Senior',0),
('1950','Vic Janowicz','Ohio State','HB/P','Junior',0),
('1951','Dick Kazmaier','Princeton','HB','Senior',0),
```

(Just the first few for ACC_SEASON)

```
--Inserting into ACC_SEASON table
INSERT INTO ACC_SEASON (ACC_SCHOOL_ID,SEASON_YEAR,WINS,LOSSES,TIES,ACC_CHAMPION) VALUES
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2021',10,3,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2020',10,2,NULL,1),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2019',14,1,NULL,1),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2018',15,0,NULL,1),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2017',12,2,NULL,1),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2016',14,1,NULL,1),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2015',14,1,NULL,1),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2014',10,3,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2013',11,2,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2012',11,2,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2011',10,4,NULL,1),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2010',6,7,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2009',9,5,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2008',7,6,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2007',9,4,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2006',8,5,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2005',8,4,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2004',6,5,NULL,0),
((SELECT ACC_SCHOOL_ID FROM ACC_SCHOOL WHERE SCHOOL_NAME = 'Clemson University'),'2003',9,4,NULL,0),
```

Tables and Views

ACC_SCHOOL

	ACC SCHOOL_ID	SCHOOL_NAME	SCHOOL_CITY	SCHOOL_STATE	GRADUATION_RATE
1	1	Clemson University	Clemson	SC	0.828
2	2	Duke University	Durham	NC	0.956
3	3	University of Maryland	College Park	MD	0.854
4	4	University of North Carolina	Chapel Hill	NC	0.893
5	5	North Carolina State University	Raleigh	NC	0.808
6	6	University of South Carolina	Columbia	SC	0.780
7	7	University of Virginia	Charlottesville	VA	0.943
8	8	Wake Forest University	Winston-Salem	NC	0.883
9	9	Georgia Institute of Technology	Atlanta	GA	0.872
10	10	Florida State University	Tallahassee	FL	0.825
11	11	University of Miami	Coral Gables	FL	0.816
12	12	Virginia Tech	Blacksburg	VA	0.835
13	13	Boston College	Chestnut Hill	MA	0.919
14	14	University of Notre Dame	Notre Dame	IN	0.969
15	15	University of Pittsburgh	Pittsburgh	PA	0.825
16	16	Syracuse University	Syracuse	NY	0.826
17	17	University of Louisville	Louisville	KY	0.559

HEISMAN_WINNER (Just the first few records)

	HEISMAN_WINNER_ID	NAME	ACC SCHOOL_ID	ACC_SEASON_ID	HEISMAN SCHOOL_NAME	HEISMAN_YEAR	CLASS	REDSHIRT	POSITION
1	1	Jay Berwanger	NULL	NULL	Chicago	1935-01-01	Senior	0	HB
2	2	Lary Kelley	NULL	NULL	Yale	1936-01-01	Senior	0	End
3	3	Clint Frank	NULL	NULL	Yale	1937-01-01	Senior	0	HB
4	4	Davey O'Brien	NULL	NULL	TCU	1938-01-01	Senior	0	QB
5	5	Nile Kinnick	NULL	NULL	Iowa	1939-01-01	Senior	0	HB/QB
6	6	Tom Harmon	NULL	NULL	Michigan	1940-01-01	Senior	0	HB
7	7	Bruce Smith	NULL	NULL	Minnesota	1941-01-01	Senior	0	HB
8	8	Frank Sinkwich	NULL	NULL	Georgia	1942-01-01	Senior	0	HB
9	9	Angelo Bertelli	14	NULL	University of Notre Dame	1943-01-01	Senior	0	QB
10	10	Les Horvath	NULL	NULL	Ohio State	1944-01-01	Senior	0	HB/QB
11	11	Doc Blanchard	NULL	NULL	Army	1945-01-01	Junior	0	FB
12	12	Glenn Davis	NULL	NULL	Army	1946-01-01	Senior	0	HB
13	13	Johnny Lujack	14	NULL	University of Notre Dame	1947-01-01	Senior	0	QB
14	14	Doak Walker	NULL	NULL	SMU	1948-01-01	Junior	0	HB
15	15	Leon Hart	14	NULL	University of Notre Dame	1949-01-01	Senior	0	End
16	16	Vic Janowicz	NULL	NULL	Ohio State	1950-01-01	Junior	0	HB/P
17	17	Dick Kazmaier	NULL	NULL	Princeton	1951-01-01	Senior	0	HB
18	18	Billy Vessels	NULL	NULL	Oklahoma	1952-01-01	Senior	0	HB
19	19	Johnny Lattner	14	NULL	University of Notre Dame	1953-01-01	Senior	0	HB
20	20	Alan Ameche	NULL	NULL	Wisconsin	1954-01-01	Senior	0	FB
21	21	Howard Cassady	NULL	NULL	Ohio State	1955-01-01	Senior	0	HB
22	22	Paul Hornung	14	NULL	University of Notre Dame	1956-01-01	Senior	0	QB
23	23	John David Crow	NULL	NULL	Texas A&M	1957-01-01	Senior	0	HB
24	24	Pete Dawkins	NULL	NULL	Army	1958-01-01	Senior	0	HB

ACC_SEASON (Just the first few records)

	ACC_SEASON_ID	ACC SCHOOL_ID	SEASON_YEAR	WINS	LOSSES	TIES	ACC_CHAMPION
1	1	1	2021-01-01	10	3	NULL	0
2	2	1	2020-01-01	10	2	NULL	1
3	3	1	2019-01-01	14	1	NULL	1
4	4	1	2018-01-01	15	0	NULL	1
5	5	1	2017-01-01	12	2	NULL	1
6	6	1	2016-01-01	14	1	NULL	1
7	7	1	2015-01-01	14	1	NULL	1
8	8	1	2014-01-01	10	3	NULL	0
9	9	1	2013-01-01	11	2	NULL	0
10	10	1	2012-01-01	11	2	NULL	0
11	11	1	2011-01-01	10	4	NULL	1
12	12	1	2010-01-01	6	7	NULL	0
13	13	1	2009-01-01	9	5	NULL	0
14	14	1	2008-01-01	7	6	NULL	0
15	15	1	2007-01-01	9	4	NULL	0
16	16	1	2006-01-01	8	5	NULL	0
17	17	1	2005-01-01	8	4	NULL	0
18	18	1	2004-01-01	6	5	NULL	0
19	19	1	2003-01-01	9	4	NULL	0
20	20	1	2002-01-01	7	6	NULL	0
21	21	1	2001-01-01	7	5	NULL	0
22	22	1	2000-01-01	9	3	NULL	0
23	23	1	1999-01-01	6	6	NULL	0
24	24	1	1998-01-01	3	8	NULL	0

ACC_SCHOOLS_VIEW

```
--Creating a view for School Totals
GO
CREATE OR ALTER VIEW ACC_SCHOOLS_VIEW AS
SELECT
    SCHOOL.SCHOOL_NAME School,
    SCHOOL.SCHOOL_CITY City,
    SCHOOL.SCHOOL_STATE State,
    SCHOOL.GRADUATION_RATE Graduation_Rate,
    COUNT(DISTINCT YEAR(SEASON.SEASON_YEAR)) ACC_Seasons,
    SUM(SEASON.WINS) ACC_Wins,
    SUM(SEASON.LOSSES) ACC_Losses,
    SUM(ISNULL(SEASON.TIES,0)) ACC_Ties,
    CAST((SUM(SEASON.WINS) + (0.5*SUM(ISNULL(SEASON.TIES,0)))) / SUM(SEASON.WINS + SEASON.LOSSES + ISNULL(SEASON.TIES,0)) AS DECIMAL(4,3)) ACC_Win_Percentage,
    SUM(CASE SEASON.AC_CHEMION WHEN 1 THEN 1 WHEN 0 THEN 0 END) ACC_Championships,
    COUNT(DISTINCT CASE WHEN HEISMAN.AC_SEASON_ID IS NOT NULL THEN HEISMAN.HEISMAN_WINNER_ID END) ACC_Heisman_Winners,
    COUNT(DISTINCT HEISMAN.HEISMAN_WINNER_ID) Total_Heisman_Trophy_Winners
FROM
    ACC_SCHOOL SCHOOL
LEFT JOIN
    ACC_SEASON SEASON
        ON SCHOOL.AC_SCHOOL_ID = SEASON.AC_SCHOOL_ID
LEFT JOIN
    HEISMAN_WINNER HEISMAN
        ON SCHOOL.AC_SCHOOL_ID = HEISMAN.AC_SCHOOL_ID
GROUP BY
    SCHOOL.SCHOOL_NAME,
    SCHOOL.SCHOOL_CITY,
    SCHOOL.SCHOOL_STATE,
    SCHOOL.GRADUATION_RATE
GO
```

	School	City	State	Graduation_Rate	ACC_Seasons	ACC_Wins	ACC_Losses	ACC_Ties	ACC_Win_Percentage	ACC_Championships	ACC_Heisman_Winners	Total_Heisman_Trophy_Winners
1	Virginia Tech	Blacksburg	VA	0.835	18	157	80	0	0.662	4	0	0
2	University of Notre Dame	Notre Dame	IN	0.969	1	70	14	0	0.833	0	0	7
3	Florida State University	Tallahassee	FL	0.825	30	831	309	3	0.728	45	3	3
4	Duke University	Durham	NC	0.956	69	308	447	16	0.410	7	0	0
5	University of Pittsburgh	Pittsburgh	PA	0.825	9	66	50	0	0.569	1	0	1
6	University of Maryland	College Park	MD	0.854	61	346	332	8	0.510	9	0	0
7	North Carolina State University	Raleigh	NC	0.808	69	412	367	15	0.528	6	0	0
8	Georgia Institute of Technology	Atlanta	GA	0.872	39	254	215	4	0.541	2	0	0
9	Boston College	Chestnut Hill	MA	0.919	17	116	99	0	0.540	0	0	1
10	Syracuse University	Syracuse	NY	0.826	9	43	66	0	0.394	0	0	1
11	University of Virginia	Charlottesville	VA	0.943	68	343	424	6	0.448	2	0	0
12	Wake Forest University	Winston-Salem	NC	0.883	69	296	466	10	0.390	2	0	0
13	University of Louisville	Louisville	KY	0.559	8	54	47	0	0.535	0	1	1
14	University of South Carolina	Columbia	SC	0.780	18	82	93	6	0.470	1	0	1
15	University of Miami	Coral Gables	FL	0.816	18	272	180	0	0.602	0	0	2
16	University of North Carolina	Chapel Hill	NC	0.893	69	416	370	8	0.529	5	0	0
17	Clemson University	Clemson	SC	0.828	69	524	272	13	0.656	20	0	0

ACC_SEASONS_VIEW

```
--Creating a view for ACC Seasons to make them more reasonable
GO
CREATE OR ALTER VIEW ACC_SEASONS_VIEW AS
SELECT
    YEAR(SEASON.SEASON_YEAR) Season,
    SCHOOL.SCHOOL_NAME School,
    SEASON.WINS Wins,
    SEASON.LOSSES Losses,
    SEASON.TIES Ties,
    CAST((SEASON.WINS + (0.5*ISNULL(SEASON.TIES,0))) / (SEASON.WINS + SEASON.LOSSES + ISNULL(SEASON.TIES,0)) AS DECIMAL(4,3)) Win_Percentage,
    CASE SEASON.ACC_CHAMPION WHEN 1 THEN 'ACC Champion' WHEN 0 THEN '' END ACC_Champion_Flag,
    CASE WHEN HEISMAN.HEISMAN_WINNER_ID IS NOT NULL THEN HEISMAN.NAME + ' (' + HEISMAN.POSITION + ')' ELSE '' END Heisman_Flag
FROM
    ACC_SEASON SEASON
LEFT JOIN
    ACC_SCHOOL SCHOOL
        ON SEASON.ACC_SCHOOL_ID = SCHOOL.ACC_SCHOOL_ID
LEFT JOIN
    HEISMAN_WINNER HEISMAN
        ON SEASON.ACC_SEASON_ID = HEISMAN.ACC_SEASON_ID
GO
```

	Season	School	Wins	Losses	Ties	Win_Percentage	ACC_Champion_Flag	Heisman_Flag
1	2021	Clemson University	10	3	NULL	0.769		
2	2020	Clemson University	10	2	NULL	0.833	ACC Champion	
3	2019	Clemson University	14	1	NULL	0.933	ACC Champion	
4	2018	Clemson University	15	0	NULL	1.000	ACC Champion	
5	2017	Clemson University	12	2	NULL	0.857	ACC Champion	
6	2016	Clemson University	14	1	NULL	0.933	ACC Champion	
7	2015	Clemson University	14	1	NULL	0.933	ACC Champion	
8	2014	Clemson University	10	3	NULL	0.769		
9	2013	Clemson University	11	2	NULL	0.846		
10	2012	Clemson University	11	2	NULL	0.846		
11	2011	Clemson University	10	4	NULL	0.714	ACC Champion	
12	2010	Clemson University	6	7	NULL	0.462		
13	2009	Clemson University	9	5	NULL	0.643		
14	2008	Clemson University	7	6	NULL	0.538		
15	2007	Clemson University	9	4	NULL	0.692		
16	2006	Clemson University	8	5	NULL	0.615		
17	2005	Clemson University	8	4	NULL	0.667		
18	2004	Clemson University	6	5	NULL	0.545		
19	2003	Clemson University	9	4	NULL	0.692		
20	2002	Clemson University	7	6	NULL	0.538		

HEISMAN_VIEW

```
--Creating view for Heisman Winners
GO
CREATE OR ALTER VIEW HEISMAN_VIEW AS
SELECT
    HEISMAN.HEISMAN_YEAR Season,
    HEISMAN.NAME Player,
    HEISMAN.HEISMAN SCHOOL_NAME School,
    HEISMAN.POSITION Position,
    HEISMAN.CLASS + CASE HEISMAN.REDSHIRT WHEN 1 THEN '(RS)' WHEN 0 THEN '' END Class,
    CASE WHEN SCHOOL.ACC_SCHOOL_ID IS NOT NULL THEN SCHOOL.SCHOOL_NAME ELSE '' END ACC_School_Flag,
    CASE WHEN SEASON.ACC_SEASON_ID IS NOT NULL THEN 'ACC' ELSE '' END ACC_Season_Flag,
    SEASON.WINS ACC_Wins,
    SEASON.LOSSES ACC_Losses,
    SEASON.TIES ACC_Ties,
    CAST((SEASON.WINS + (0.5*ISNULL(SEASON.TIES,0))) / (SEASON.WINS + SEASON.LOSSES + ISNULL(SEASON.TIES,0)) AS DECIMAL(4,3)) ACC_Win_Percentage,
    CASE SEASON.ACC_CHAMPION WHEN 1 THEN 'ACC Champion' ELSE '' END ACC_Champion_Flag
FROM
    HEISMAN_WINNER HEISMAN
LEFT JOIN
    ACC_SCHOOL SCHOOL
        ON HEISMAN.ACC_SCHOOL_ID = SCHOOL.ACC_SCHOOL_ID
LEFT JOIN
    ACC_SEASON SEASON
        ON HEISMAN.ACC_SEASON_ID = SEASON.ACC_SEASON_ID
GO
```

	Season	Player	School	Position	Class	ACC_School_Flag	ACC_Season_Flag	ACC_Wins	ACC_Losses	ACC_Ties	ACC_Win_Percentage	ACC_Champion_Flag
1	1935-01-01	Jay Berwanger	Chicago	HB	Senior			NULL	NULL	NULL	NULL	
2	1936-01-01	Lam Kelley	Yale	End	Senior			NULL	NULL	NULL	NULL	
3	1937-01-01	Clint Frank	Yale	HB	Senior			NULL	NULL	NULL	NULL	
4	1938-01-01	Davey O'Brien	TCU	QB	Senior			NULL	NULL	NULL	NULL	
5	1939-01-01	Nile Kinnick	Iowa	HB/QB	Senior			NULL	NULL	NULL	NULL	
6	1940-01-01	Tom Harmon	Michigan	HB	Senior			NULL	NULL	NULL	NULL	
7	1941-01-01	Bruce Smith	Minnesota	HB	Senior			NULL	NULL	NULL	NULL	
8	1942-01-01	Frank Sinkwich	Georgia	HB	Senior			NULL	NULL	NULL	NULL	
9	1943-01-01	Angelo Bertelli	University of Notre Dame	QB	Senior	University of Notre Dame		NULL	NULL	NULL	NULL	
10	1944-01-01	Les Horvath	Ohio State	HB/QB	Senior			NULL	NULL	NULL	NULL	
11	1945-01-01	Doc Blanchard	Amy	FB	Junior			NULL	NULL	NULL	NULL	
12	1946-01-01	Glenn Davis	Amy	HB	Senior			NULL	NULL	NULL	NULL	
13	1947-01-01	Johnny Lujack	University of Notre Dame	QB	Senior	University of Notre Dame		NULL	NULL	NULL	NULL	
14	1948-01-01	Doak Walker	SMU	HB	Junior			NULL	NULL	NULL	NULL	
15	1949-01-01	Leon Hart	University of Notre Dame	End	Senior	University of Notre Dame		NULL	NULL	NULL	NULL	
16	1950-01-01	Vic Janowicz	Ohio State	HB/P	Junior			NULL	NULL	NULL	NULL	
17	1951-01-01	Dick Kazmaier	Princeton	HB	Senior			NULL	NULL	NULL	NULL	

Programming Objects

HEISMAN_WINNER_ACC_SCHOOL_ID (Stored Procedure)

```
--Procedure to populate ACC SCHOOL_ID in HEISMAN_WINNER
GO
CREATE OR ALTER PROCEDURE HEISMAN_WINNER_ACC_SCHOOL_ID AS
BEGIN
    DECLARE @loop INT = 1
    DECLARE @loopend INT
    DECLARE @ACC_SCHOOL_ID INT
    DECLARE @HEISMAN SCHOOL_NAME VARCHAR(50)
    SELECT @loopend = COUNT(*) FROM HEISMAN_WINNER
    WHILE @loop <= @loopend
    BEGIN
        SELECT
            @ACC_SCHOOL_ID = ACCSCH.ACC_SCHOOL_ID,
            @HEISMAN SCHOOL_NAME = HWIN.HEISMAN SCHOOL_NAME
        FROM
            ACC SCHOOL ACCSCH
        INNER JOIN
            HEISMAN WINNER HWIN
        ON ACCSCH.SCHOOL_NAME = HWIN.HEISMAN SCHOOL_NAME
        AND HWIN.ACC SCHOOL_ID IS NULL
        UPDATE HEISMAN WINNER SET ACC SCHOOL_ID = @ACC SCHOOL_ID WHERE HEISMAN SCHOOL_NAME = @HEISMAN SCHOOL_NAME
        SELECT @loop = @loop + 1
    END
END
GO
```

HEISMAN_WINNER_ACC_SEASON_ID (Stored Procedure)

```
--Procedure to populate ACC SEASON_ID in HEISMAN_WINNER
GO
CREATE OR ALTER PROCEDURE HEISMAN_WINNER_ACC_SEASON_ID AS
BEGIN
    DECLARE @loop INT = 1
    DECLARE @loopend INT
    DECLARE @ACC_SEASON_ID INT
    DECLARE @ACC SCHOOL_ID INT
    DECLARE @HEISMAN_YEAR DATE
    SELECT @loopend = COUNT(*) FROM HEISMAN_WINNER
    WHILE @loop <= @loopend
    BEGIN
        SELECT
            @ACC_SEASON_ID = ACCSEA.ACC_SEASON_ID,
            @ACC SCHOOL_ID = ACCSEA.ACC SCHOOL_ID,
            @HEISMAN_YEAR = HWIN.HEISMAN_YEAR
        FROM
            ACC SEASON ACCSEA
        INNER JOIN
            HEISMAN WINNER HWIN
        ON ACCSEA.ACC SCHOOL_ID = HWIN.ACC SCHOOL_ID
        AND ACCSEA.SEASON_YEAR = HWIN.HEISMAN_YEAR
        AND HWIN.ACC SEASON_ID IS NULL
        UPDATE HEISMAN WINNER SET ACC SEASON_ID = @ACC SEASON_ID WHERE ACC SCHOOL_ID = @ACC SCHOOL_ID AND HEISMAN YEAR = @HEISMAN YEAR
        SELECT @loop = @loop + 1
    END
END
GO
```

ENTER_HEISMAN (Stored Procedure)

```
--Creating stored procedure in order to enter data for Heisman Winners
GO
CREATE OR ALTER PROCEDURE ENTER_HEISMAN
(@HEISMAN_YEAR DATE,@NAME VARCHAR(50),@HEISMAN SCHOOL_NAME VARCHAR(50),@POSITION VARCHAR(10),@CLASS VARCHAR(10),@REDSHIRT BIT) AS
BEGIN
    INSERT INTO HEISMAN_WINNER (HEISMAN_YEAR,NAME,HEISMAN SCHOOL_NAME,POSITION,CLASS,REDSHIRT)
        VALUES (@HEISMAN_YEAR,@NAME,@HEISMAN SCHOOL_NAME,@POSITION,@CLASS,@REDSHIRT)
    EXEC HEISMAN_WINNER_ACC_SCHOOL_ID
    EXEC HEISMAN_WINNER_ACC_SEASON_ID
END
GO
```

```
983
984 --Testing out
985 EXEC ENTER_HEISMAN '2021','Nick Videtti','Syracuse University','Waterboy','Graduate',0
986 SELECT * FROM HEISMAN_VIEW WHERE Player = 'Nick Videtti'
987
988 --Removing
989 DELETE HEISMAN_WINNER WHERE NAME = 'Nick Videtti'
990 SELECT * FROM HEISMAN_VIEW WHERE Player = 'Nick Videtti'
```

100 %

Results Messages

	Season	Player	School	Position	Class	ACC_School_Flag	ACC_Season_Flag	ACC_Wins	ACC_Losses	ACC_Ties	ACC_Win_Percentage	ACC_Champion_Flag
1	2021-01-01	Nick Videtti	Syracuse University	Waterboy	Graduate	Syracuse University	ACC	5	7	NULL	0.417	

Season Player School Position Class ACC_School_Flag ACC_Season_Flag ACC_Wins ACC_Losses ACC_Ties ACC_Win_Percentage ACC_Champion_Flag

ENTER_SEASON (Stored Procedure)

```
--Creating stored procedure in order to enter data for seasons
GO
CREATE OR ALTER PROCEDURE ENTER_SEASON
(@SCHOOL_NAME VARCHAR(50),@SEASON_YEAR DATE,@WINS INT,@LOSSES INT,@TIES INT,@ACC_CHAMPION BIT,
@NEW_SCHOOL_CITY VARCHAR(50) = NULL,@NEW_SCHOOL_STATE VARCHAR(2) = NULL,@NEW_GRADUATION_RATE DECIMAL(4,3) = NULL) AS
BEGIN
IF NOT EXISTS (SELECT * FROM ACC SCHOOL WHERE SCHOOL_NAME = @SCHOOL_NAME)
BEGIN
    INSERT INTO ACC SCHOOL (SCHOOL_NAME, SCHOOL_CITY, SCHOOL_STATE, GRADUATION_RATE)
        VALUES (@SCHOOL_NAME,@NEW_SCHOOL_CITY,@NEW_SCHOOL_STATE,@NEW_GRADUATION_RATE)
END
INSERT INTO ACC_SEASON (ACC SCHOOL_ID,SEASON_YEAR,WINS,LOSSES,TIES,ACC CHAMPION)
    VALUES ((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME = @SCHOOL_NAME),@SEASON_YEAR,@WINS,@LOSSES,@TIES,@ACC CHAMPION)
EXEC HEISMAN_WINNER_ACC SCHOOL_ID
EXEC HEISMAN_WINNER_ACC SEASON_ID
END
GO
```

```
1009  
1010 --Testing out  
1011 EXEC ENTER_SEASON 'St John Fisher College','2040',103,2,765,1,'Rochester','NY',0.934  
1012 SELECT * FROM ACC_SEASONS_VIEW WHERE School = 'St John Fisher College' AND Season = '2040'  
1013 SELECT * FROM ACC_SCHOOLS_VIEW WHERE School = 'St John Fisher College'  
1014  
1015 --Removing  
1016 DELETE ACC_SEASON WHERE ACC SCHOOL_ID = (SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME = 'St John Fisher College') AND SEASON_YEAR = '2040'  
1017 DELETE ACC SCHOOL WHERE SCHOOL_NAME = 'St John Fisher College'  
1018 SELECT * FROM ACC_SEASONS_VIEW WHERE School = 'St John Fisher College' AND Season = '2040'  
1019 SELECT * FROM ACC_SCHOOLS_VIEW WHERE School = 'St John Fisher College'  
  
%  
  
Results Messages  


| Season | School                 | Wins | Losses | Ties | Win_Percentage | ACC_Champion_Flag | Heisman_Flag |
|--------|------------------------|------|--------|------|----------------|-------------------|--------------|
| 2040   | St John Fisher College | 103  | 2      | 765  | 0.558          | ACC Champion      |              |


| School                 | City      | State | Graduation_Rate | ACC_Seasons | ACC_Wins | ACC_Losses | ACC_Ties | ACC_Win_Percentage | ACC_Championships | ACC_Heisman_Winners | Total_Heisman_Trophy_Winners |
|------------------------|-----------|-------|-----------------|-------------|----------|------------|----------|--------------------|-------------------|---------------------|------------------------------|
| St John Fisher College | Rochester | NY    | 0.934           | 1           | 103      | 2          | 765      | 0.558              | 1                 | 0                   | 0                            |


| Season | School | Wins | Losses | Ties | Win_Percentage | ACC_Champion_Flag | Heisman_Flag |
|--------|--------|------|--------|------|----------------|-------------------|--------------|
|--------|--------|------|--------|------|----------------|-------------------|--------------|


| School | City | State | Graduation_Rate | ACC_Seasons | ACC_Wins | ACC_Losses | ACC_Ties | ACC_Win_Percentage | ACC_Championships | ACC_Heisman_Winners | Total_Heisman_Trophy_Winners |
|--------|------|-------|-----------------|-------------|----------|------------|----------|--------------------|-------------------|---------------------|------------------------------|
|--------|------|-------|-----------------|-------------|----------|------------|----------|--------------------|-------------------|---------------------|------------------------------|


```

DATA SECURITY

```
--HYPOTHETICAL ROLES (WILL LEAVE THIS CODE OUT FOR DATA SECURITRY REASONS AND LACK OF ACCESS ON THE REMOTE LAB)

--CREATE USER ADMIN FOR LOGIN ADMIN
--GRANT SELECT ON ACC_SCHOOL TO ADMIN
--GRANT SELECT ON ACC_SEASON TO ADMIN
--GRANT SELECT ON HEISMAN_WINNER TO ADMIN
--GRANT SELECT ON ACC_SCHOOLS_VIEW TO ADMIN
--GRANT SELECT ON ACC_SEASONS_VIEW TO ADMIN
--GRANT SELECT ON HEISMAN_VIEW TO ADMIN
--GRANT EXECUTE ON ENTER_HEISMAN TO ADMIN
--GRANT EXECUTE ON ENTER_SEASON TO ADMIN
--GRANT EXECUTE ON HEISMAN_WINNER_ACC SCHOOL_ID TO ADMIN
--GRANT EXECUTE ON HEISMAN_WINNER_ACC SEASON_ID TO ADMIN

--CREATE USER ANALYST FOR LOGIN ANALYST
--GRANT SELECT ON ACC_SCHOOL TO ADMIN
--GRANT SELECT ON ACC_SEASON TO ADMIN
--GRANT SELECT ON HEISMAN_WINNER TO ADMIN
--GRANT SELECT ON ACC_SCHOOLS_VIEW TO ADMIN
--GRANT SELECT ON ACC_SEASONS_VIEW TO ADMIN
--GRANT SELECT ON HEISMAN_VIEW TO ADMIN

--CREATE USER QUERY FOR LOGIN QUERY
--GRANT SELECT ON ACC_SCHOOLS_VIEW TO ADMIN
--GRANT SELECT ON ACC_SEASONS_VIEW TO ADMIN
--GRANT SELECT ON HEISMAN_VIEW TO ADMIN
```

ANSWERING DATA QUESTIONS

Question 1

```
1060 -----Answering data questions-----
1061 --What school has had the most wins in ACC history?
1062 SELECT
1063 *
1064 FROM
1065 ACC_SCHOOLS_VIEW
1066 WHERE
1067 ACC_Wins = (SELECT MAX(ACC_Wins) FROM ACC_SCHOOLS_VIEW)
1068
```

00 % ▶

Results Messages

School	City	State	Graduation_Rate	ACC_Seasons	ACC_Wins	ACC_Losses	ACC_Ties	ACC_Win_Percentage	ACC_Championships	ACC_Heisman_Winners	Total_Heisman_Trophy_Winners
Florida State University	Tallahassee	FL	0.825	30	831	309	3	0.728	45	3	3

Question 2

```
1069
1070 --What school has had the most Heisman trophies won by an ACC player?
1071 SELECT * FROM ACC_SCHOOLS_VIEW WHERE ACC_Heisman_Winners = (SELECT MAX(ACC_Heisman_Winners) FROM ACC_SCHOOLS_VIEW)
1072 SELECT * FROM ACC_SCHOOLS_VIEW WHERE Total_Heisman_Trophy_Winners = (SELECT MAX(Total_Heisman_Trophy_Winners) FROM ACC_SCHOOLS_VIEW)
1073
00 %
```

Results Messages

School	City	State	Graduation_Rate	ACC_Seasons	ACC_Wins	ACC_Losses	ACC_Ties	ACC_Win_Percentage	ACC_Championships	ACC_Heisman_Winners	Total_Heisman_Trophy_Winners
Florida State University	Tallahassee	FL	0.825	30	831	309	3	0.728	45	3	3

School	City	State	Graduation_Rate	ACC_Seasons	ACC_Wins	ACC_Losses	ACC_Ties	ACC_Win_Percentage	ACC_Championships	ACC_Heisman_Winners	Total_Heisman_Trophy_Winners
University of Notre Dame	Notre Dame	IN	0.969	1	70	14	0	0.833	0	0	7

Question 3

```
1075 --Assuming a given student-athlete is from West Virginia, Which schools are in West Virginia or in a state bordering West Virginia?
1076 --(West Virginia, Maryland, Virginia, Kentucky, Ohio, or Pennsylvania)
1077 SELECT *
1078 FROM
1079 ACC_SCHOOLS_VIEW
1080 WHERE
1081 State IN ('WV', 'MD', 'VA', 'KY', 'OH', 'PA')
1082
1083
```

100 %

Results Messages

School	City	State	Graduation_Rate	ACC_Seasons	ACC_Wins	ACC_Losses	ACC_Ties	ACC_Win_Percentage	ACC_Championships	ACC_Heisman_Winners	Total_Heisman_Trophy_Winners
University of Louisville	Louisville	KY	0.559	8	54	47	0	0.535	0	1	1
University of Maryland	College Park	MD	0.854	61	346	332	8	0.510	9	0	0
University of Pittsburgh	Pittsburgh	PA	0.825	9	66	50	0	0.569	1	0	1
University of Virginia	Charlottesville	VA	0.943	68	343	424	6	0.448	2	0	0
Virginia Tech	Blacksburg	VA	0.835	18	157	80	0	0.662	4	0	0

Question 4

```
1084 --What school has had the most undefeated (0 loss) seasons?
1085 SELECT
1086     School,
1087     COUNT(CASE WHEN Losses = 0 THEN 1 END) Undefeated_Seasons
1088 FROM
1089     ACC_SEASONS_VIEW
1090 GROUP BY
1091     School
1092 HAVING
1093     COUNT(CASE WHEN Losses = 0 THEN 1 END) = (SELECT TOP 1 COUNT(CASE WHEN Losses = 0 THEN 1 END) Undefeated_Seasons
1094     FROM ACC_SEASONS_VIEW GROUP BY School ORDER BY Undefeated_Seasons DESC)
1095
```

	Results	Messages
1	School	Undefeated_Seasons
1	Clemson University	2
2	Florida State University	2

Question 5

```
--Are there any schools in the top 5 for all three of the following metrics?
--ACC Championships
--Heisman trophies won by an ACC player
--Graduation rate

--TOP 5 ACC_Championships
SELECT TOP 5 ACC_Championships FROM (SELECT DISTINCT ACC_Championships FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY ACC_Championships DESC

--TOP 5 ACC_Heisman_Winners
SELECT TOP 5 ACC_Heisman_Winners FROM (SELECT DISTINCT ACC_Heisman_Winners FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY ACC_Heisman_Winners DESC

--TOP 5 Graduation_Rate
SELECT TOP 5 Graduation_Rate FROM (SELECT DISTINCT Graduation_Rate FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY Graduation_Rate DESC

--Putting it all together
SELECT *
FROM
    ACC_SCHOOLS_VIEW
WHERE
    ACC_Championships IN
        (SELECT TOP 5 ACC_Championships FROM (SELECT DISTINCT ACC_Championships FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY ACC_Championships DESC)
    AND ACC_Heisman_Winners IN
        (SELECT TOP 5 ACC_Heisman_Winners FROM (SELECT DISTINCT ACC_Heisman_Winners FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY ACC_Heisman_Winners DESC)
    AND Graduation_Rate IN
        (SELECT TOP 5 Graduation_Rate FROM (SELECT DISTINCT Graduation_Rate FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY Graduation_Rate DESC)
```

School	City	State	Graduation_Rate	ACC_Seasons	ACC_Wins	ACC_Losses	ACC_Ties	ACC_Win_Percentage	ACC_Championships	ACC_Heisman_Winners	Total_Heisman_Trophy_Winners
Duke University	Durham	NC	0.956	69	308	447	16	0.410	7	0	0

User Interface (Microsoft Access)

School	City	State	Graduation_	ACC_Season	ACC_Wins	ACC_Losses	ACC_Ties	ACC_Win_Percentage	ACC_Championships	ACC_Heisman_Winners	Total_Heisman_Trophy_Winners
Boston College	Chestnut Hill	MA	0.919	17	116	99	0	0.54	0	0	1
Clemson University	Clemson	SC	0.828	69	524	272	13	0.656	20	0	0
Duke University	Durham	NC	0.956	69	308	447	16	0.41	7	0	0
Florida State University	Tallahassee	FL	0.825	30	831	309	3	0.728	45	3	3
Georgia Institute of Technology	Atlanta	GA	0.872	39	254	215	4	0.541	2	0	0
North Carolina State University	Raleigh	NC	0.808	69	412	367	15	0.528	6	0	0
Syracuse University	Syracuse	NY	0.826	9	43	66	0	0.394	0	0	1
University of Louisville	Louisville	KY	0.559	8	54	47	0	0.535	0	1	1
University of Maryland	College Park	MD	0.854	61	346	332	8	0.51	9	0	0
University of Miami	Coral Gables	FL	0.816	18	272	180	0	0.602	0	0	2
University of North Carolina	Chapel Hill	NC	0.893	69	416	370	8	0.529	5	0	0
University of Notre Dame	Notre Dame	IN	0.969	1	70	14	0	0.833	0	0	7
University of Pittsburgh	Pittsburgh	PA	0.825	9	66	50	0	0.569	1	0	1
University of South Carolina	Columbia	SC	0.78	18	82	93	6	0.47	1	0	1
University of Virginia	Charlottesville	VA	0.943	68	343	424	6	0.448	2	0	0
Virginia Tech	Blacksburg	VA	0.835	18	157	80	0	0.662	4	0	0
Wake Forest University	Winston-Salem	NC	0.883	69	296	466	10	0.39	2	0	0

Reflection

This was a lot of fun to put together! There are a few things that surprised me along the way, one of which being that all of this only took three tables. Also, I do wish that I had more time to make sure that data entry went a bit smoother. While I don't see a different way to approach it, data entry relies on making sure that the school name is an exact match to the current format of each school for existing schools. Ideally, there would be a different process, but I think a better way would be to create a different stored procedure or create some sort of code within the already created stored procedure that accounts for slightly misspelling school names, which currently results in the database treating it as a new school when we want it to instead detect that data entry error. Perhaps I could create another procedure that is only for entering seasons for schools that have never played an ACC season before and make the other procedure for entering seasons be only for schools that have played an ACC season before. This project definitely helped me implement what I learned this term to a somewhat real-world scenario, and that is very helpful for if and when I need to do database design/implementation in the future.

Full SQL Code

--Dropping tables, views, and stored procedures so code can be ran repeatedly and everything is recreated each time

DROP TABLE IF EXISTS HEISMAN_WINNER

DROP TABLE IF EXISTS ACC_SEASON

DROP TABLE IF EXISTS ACC_SCHOOL

DROP VIEW IF EXISTS HEISMAN_VIEW

DROP VIEW IF EXISTS ACC_SEASONS_VIEW

DROP VIEW IF EXISTS ACC_SCHOOLS_VIEW

DROP PROCEDURE IF EXISTS ENTER_HEISMAN

DROP PROCEDURE IF EXISTS ENTER_SEASON

DROP PROCEDURE IF EXISTS HEISMAN_WINNER_ACC SCHOOL_ID

DROP PROCEDURE IF EXISTS HEISMAN_WINNER_ACC SEASON_ID

--Creating ACC_SCHOOL table

```
CREATE TABLE ACC_SCHOOL(
    ACC SCHOOL_ID INT IDENTITY PRIMARY KEY,
    SCHOOL_NAME VARCHAR(50) UNIQUE NOT NULL,
    SCHOOL_CITY VARCHAR(50) NOT NULL,
    SCHOOL_STATE VARCHAR(2) NOT NULL,
    GRADUATION RATE DECIMAL(4,3) NOT NULL)
```

--Creating ACC_SEASON table

```
CREATE TABLE ACC_SEASON(
    ACC SEASON_ID INT IDENTITY PRIMARY KEY,
    ACC SCHOOL_ID INT NOT NULL,
    SEASON_YEAR DATE NOT NULL,
    WINS INT NOT NULL,
    LOSSES INT NOT NULL,
    TIES INT,
    ACC CHAMPION BIT NOT NULL,
    CONSTRAINT FK1_ACC_SEASON
        FOREIGN KEY (ACC SCHOOL_ID) REFERENCES
    ACC SCHOOL(ACC SCHOOL_ID),
    CONSTRAINT U1_ACC_SEASON
        UNIQUE (ACC SCHOOL_ID, SEASON_YEAR))
```

--Creating HEISMAN_WINNER table

```

CREATE TABLE HEISMAN_WINNER(
    HEISMAN_WINNER_ID INT IDENTITY PRIMARY KEY,
    NAME VARCHAR(50) NOT NULL,
    ACC_SCHOOL_ID INT,
    ACC_SEASON_ID INT,
    HEISMAN SCHOOL_NAME VARCHAR(50) NOT NULL,
    HEISMAN_YEAR DATE NOT NULL,
    CLASS VARCHAR(10) NOT NULL,
    REDSHIRT BIT NOT NULL,
    POSITION VARCHAR(10) NOT NULL,
    CONSTRAINT FK1_HEISMAN_WINNER
        FOREIGN KEY (ACC_SCHOOL_ID) REFERENCES
ACC_SCHOOL(ACC_SCHOOL_ID),
    CONSTRAINT FK2_HEISMAN_WINNER
        FOREIGN KEY (ACC_SEASON_ID) REFERENCES
ACC_SEASON(ACC_SEASON_ID))

```

--INSERTING data into ACC_SCHOOL

```

INSERT INTO ACC_SCHOOL (SCHOOL_NAME, SCHOOL_CITY, SCHOOL_STATE,
GRADUATION_RATE) VALUES

```

```

('Clemson University','Clemson','SC',0.828),
('Duke University','Durham','NC',0.956),
('University of Maryland','College Park','MD',0.854),
('University of North Carolina','Chapel Hill','NC',0.893),
('North Carolina State University','Raleigh','NC',0.808),
('University of South Carolina','Columbia','SC',0.78),
('University of Virginia','Charlottesville','VA',0.943),
('Wake Forest University','Winston-Salem','NC',0.883),
('Georgia Institute of Technology','Atlanta','GA',0.872),
('Florida State University','Tallahassee','FL',0.825),
('University of Miami','Coral Gables','FL',0.816),
('Virginia Tech','Blacksburg','VA',0.835),
('Boston College','Chestnut Hill','MA',0.919),
('University of Notre Dame','Notre Dame','IN',0.969),
('University of Pittsburgh','Pittsburgh','PA',0.825),
('Syracuse University','Syracuse','NY',0.826),
('University of Louisville','Louisville','KY',0.559)

```

--Checking the results

```

SELECT * FROM ACC_SCHOOL

```

--INSERTING into HEISMAN_WINNER table. WILL ENTER ACC SCHOOL_ID and ACC_SEASON_ID LATER

```
INSERT INTO HEISMAN_WINNER
(HEISMAN_YEAR,NAME,HEISMAN_SCHOOL_NAME,POSITION,CLASS,REDSHIRT
) VALUES
('1935','Jay Berwanger','Chicago','HB','Senior',0),
('1936','Larry Kelley','Yale','End','Senior',0),
('1937','Clint Frank','Yale','HB','Senior',0),
('1938','Davey O'Brien','TCU','QB','Senior',0),
('1939','Nile Kinnick','Iowa','HB/QB','Senior',0),
('1940','Tom Harmon','Michigan','HB','Senior',0),
('1941','Bruce Smith','Minnesota','HB','Senior',0),
('1942','Frank Sinkwich','Georgia','HB','Senior',0),
('1943','Angelo Bertelli','University of Notre Dame','QB','Senior',0),
('1944','Les Horvath','Ohio State','HB/QB','Senior',0),
('1945','Doc Blanchard','Army','FB','Junior',0),
('1946','Glenn Davis','Army','HB','Senior',0),
('1947','Johnny Lujack','University of Notre Dame','QB','Senior',0),
('1948','Doak Walker','SMU','HB','Junior',0),
('1949','Leon Hart','University of Notre Dame','End','Senior',0),
('1950','Vic Janowicz','Ohio State','HB/P','Junior',0),
('1951','Dick Kazmaier','Princeton','HB','Senior',0),
('1952','Billy Vessels','Oklahoma','HB','Senior',0),
('1953','Johnny Lattner','University of Notre Dame','HB','Senior',0),
('1954','Alan Ameche','Wisconsin','FB','Senior',0),
('1955','Howard Cassady','Ohio State','HB','Senior',0),
('1956','Paul Hornung','University of Notre Dame','QB','Senior',0),
('1957','John David Crow','Texas A&M','HB','Senior',0),
('1958','Pete Dawkins','Army','HB','Senior',0),
('1959','Billy Cannon','LSU','HB','Senior',0),
('1960','Joe Bellino','Navy','HB','Senior',0),
('1961','Ernie Davis','Syracuse University','HB/LB/FB','Senior',0),
('1962','Terry Baker','Oregon State','QB','Senior',0),
('1963','Roger Staubach','Navy','QB','Junior',0),
('1964','John Huarte','University of Notre Dame','QB','Senior',0),
('1965','Mike Garrett','USC','HB','Senior',0),
('1966','Steve Spurrier','Florida','QB','Senior',0),
('1967','Gary Beban','UCLA','QB','Senior',0),
('1968','O. J. Simpson','USC','HB','Senior',0),
```

('1969','Steve Owens','Oklahoma','FB','Senior',0),
('1970','Jim Plunkett','Stanford','QB','Senior',1),
('1971','Pat Sullivan','Auburn','QB','Senior',0),
('1972','Johnny Rodgers','Nebraska','WR/RB','Senior',0),
('1973','John Cappelletti','Penn State','RB','Senior',0),
('1974','Archie Griffin','Ohio State','RB','Junior',0),
('1975','Archie Griffin','Ohio State','RB','Senior',0),
('1976','Tony Dorsett','University of Pittsburgh','RB','Senior',0),
('1977','Earl Campbell','Texas','RB','Senior',0),
('1978','Billy Sims','Oklahoma','RB','Junior',1),
('1979','Charles White','USC','RB','Senior',0),
('1980','George Rogers','University of South Carolina','RB','Senior',0),
('1981','Marcus Allen','USC','RB','Senior',0),
('1982','Herschel Walker','Georgia','RB','Junior',0),
('1983','Mike Rozier','Nebraska','RB','Senior',0),
('1984','Doug Flutie','Boston College','QB','Senior',0),
('1985','Bo Jackson','Auburn','RB','Senior',0),
('1986','Vinny Testaverde','University of Miami','QB','Senior',1),
('1987','Tim Brown','University of Notre Dame','WR','Senior',0),
('1988','Barry Sanders','Oklahoma State','RB','Junior',0),
('1989','Andre Ware','Houston','QB','Junior',0),
('1990','Ty Detmer','BYU','QB','Junior',1),
('1991','Desmond Howard','Michigan','WR/PR','Junior',1),
('1992','Gino Torretta','University of Miami','QB','Senior',1),
('1993','Charlie Ward','Florida State University','QB','Senior',1),
('1994','Rashaan Salaam','Colorado','RB','Junior',0),
('1995','Eddie George','Ohio State','RB','Senior',0),
('1996','Danny Wuerffel','Florida','QB','Senior',1),
('1997','Charles Woodson','Michigan','CB','Junior',0),
('1998','Ricky Williams','Texas','RB','Senior',0),
('1999','Ron Dayne','Wisconsin','RB','Senior',0),
('2000','Chris Weinke','Florida State University','QB','Senior',0),
('2001','Eric Crouch','Nebraska','QB / WR','Senior',1),
('2002','Carson Palmer','USC','QB','Senior',1),
('2003','Jason White','Oklahoma','QB','Senior',1),
('2004','Matt Leinart','USC','QB','Junior',1),
('2006','Troy Smith','Ohio State','QB','Senior',1),
('2007','Tim Tebow','Florida','QB','Sophomore',0),
('2008','Sam Bradford','Oklahoma','QB','Sophomore',1),
('2009','Mark Ingram Jr.','Alabama','RB','Sophomore',0),

```

('2010','Cam Newton','Auburn','QB','Junior',1),
('2011','Robert Griffin III','Baylor','QB','Junior',1),
('2012','Johnny Manziel','Texas A&M','QB','Freshman',1),
('2013','Jameis Winston','Florida State University','QB','Freshman',1),
('2014','Marcus Mariota','Oregon','QB','Junior',1),
('2015','Derrick Henry','Alabama','RB','Junior',0),
('2016','Lamar Jackson','University of Louisville','QB','Sophomore',0),
('2017','Baker Mayfield','Oklahoma','QB','Senior',1),
('2018','Kyler Murray','Oklahoma','QB','Junior',1),
('2019','Joe Burrow','LSU','QB','Senior',1),
('2020','DeVonta Smith','Alabama','WR','Senior',0),
('2021','Bryce Young','Alabama','QB','Sophomore',0)

```

--Procedure to populate ACC_SCHOOL_ID in HEISMAN_WINNER

GO

CREATE OR ALTER PROCEDURE HEISMAN_WINNER_ACC SCHOOL_ID AS

BEGIN

```

    DECLARE @loop INT = 1
    DECLARE @loopend INT
    DECLARE @ACC SCHOOL_ID INT
    DECLARE @HEISMAN SCHOOL_NAME VARCHAR(50)
    SELECT @loopend = COUNT(*) FROM HEISMAN_WINNER
    WHILE @loop <= @loopend
    BEGIN
        SELECT
            @ACC SCHOOL_ID = ACCSCH.ACC SCHOOL_ID,
            @HEISMAN SCHOOL_NAME =
HWIN.HEISMAN SCHOOL_NAME
        FROM
            ACC SCHOOL ACCSCH
        INNER JOIN
            HEISMAN WINNER HWIN
            ON ACCSCH.SCHOOL_NAME =
HWIN.HEISMAN SCHOOL_NAME
                AND HWIN.ACC SCHOOL_ID IS NULL
            UPDATE HEISMAN WINNER SET ACC SCHOOL_ID =
@ACC SCHOOL_ID WHERE HEISMAN SCHOOL_NAME =
@HEISMAN SCHOOL_NAME
            SELECT @loop = @loop + 1
END

```

END

GO

--*Implementing the procedure HEISMAN_WINNER_ACC_SCHOOL_ID*
EXEC HEISMAN_WINNER_ACC_SCHOOL_ID

--*Checking the results*

*SELECT * FROM HEISMAN_WINNER*

--*Inserting into ACC_SEASON table*

INSERT INTO ACC_SEASON
(ACC SCHOOL_ID,SEASON_YEAR,WINS,LOSSES,TIES,ACC CHAMPION)
VALUES
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2021',10,3,NULL,0),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2020',10,2,NULL,1),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2019',14,1,NULL,1),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2018',15,0,NULL,1),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2017',12,2,NULL,1),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2016',14,1,NULL,1),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2015',14,1,NULL,1),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2014',10,3,NULL,0),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2013',11,2,NULL,0),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2012',11,2,NULL,0),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2011',10,4,NULL,1),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2010',6,7,NULL,0),
((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE SCHOOL_NAME =
'Clemson University'),'2009',9,5,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),2008',7,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),2007',9,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),2006',8,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),2005',8,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),2004',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),2003',9,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),2002',7,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),2001',7,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),2000',9,3,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1999',6,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1998',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1997',7,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1996',7,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1995',8,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1994',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1993',9,3,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1992',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1991',9,2,1,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1990',10,2,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1989',10,2,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1988',10,2,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1987',10,2,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1986',8,2,2,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1985',6,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1984',7,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1983',9,1,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1982',9,1,1,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1981',12,0,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1980',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1979',8,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1978',11,1,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1977',8,3,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1976',3,6,2,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1975',2,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1974',7,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1973',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1972',4,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1971',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1970',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1969',4,6,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1968',4,5,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1967',6,4,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1966',6,4,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1965',5,5,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1964',3,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1963',5,4,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1962',6,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1961',5,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1960',6,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1959',9,2,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1958',8,3,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1957',7,3,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1956',7,2,2,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1955',7,3,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1954',5,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Clemson University'),1953',3,5,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2021',3,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2020',2,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2019',5,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2018',8,5,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2017',7,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2016',4,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2015',8,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2014',9,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2013',10,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2012',6,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2011',3,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2010',3,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2009',5,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2008',4,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2007',1,11,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2006',0,12,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2005',1,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2004',2,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2003',4,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2002',2,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2001',0,11,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),2000',0,11,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1999',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1998',4,7,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1997',2,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1996',0,11,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1995',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1994',8,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1993',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1992',2,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1991',4,6,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1990',4,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1989',8,4,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1988',7,3,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1987',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1986',4,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1985',4,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1984',2,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1983',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1982',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1981',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1980',2,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1979',2,8,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1978',4,7,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1977',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1976',5,5,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1975',4,5,2,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1974',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1973',2,8,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1972',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1971',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1970',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1969',3,6,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1968',4,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1967',4,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1966',5,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1965',6,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1964',4,5,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1963',5,4,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1962',8,2,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1961',7,3,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1960',8,3,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1959',4,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1958',5,5,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1957',6,3,2,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1956',5,4,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1955',7,2,1,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1954',8,2,1,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Duke University'),1953',7,2,1,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2013',7,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2012',4,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2011',2,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2010',9,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2009',2,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2008',8,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2007',6,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2006',9,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2005',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2004',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2003',10,3,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2002',11,3,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2001',10,2,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),2000',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'),1999',5,6,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1998', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1997', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1996', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1995', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1994', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1993', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1992', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1991', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1990', 6, 5, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1989', 3, 7, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1988', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1987', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1986', 5, 5, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1985', 9, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1984', 9, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1983', 8, 4, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1982', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1981', 4, 6, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1980', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Maryland'), '1979', 7, 4, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1978', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1977', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1976', 11, 1, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1975', 9, 2, 1, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1974', 8, 4, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1973', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1972', 5, 5, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1971', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1970', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1969', 3, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1968', 2, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1967', 0, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1966', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1965', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1964', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1963', 3, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1962', 6, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1961', 7, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1960', 6, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1959', 5, 5, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1958', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1957', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1956', 2, 7, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1955', 10, 1, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1954', 7, 2, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Maryland'), '1953', 10, 1, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2021', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2020', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2019', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2018', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2017', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2016', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2015', 11, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2014', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2013', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2012', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2011', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2010', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2009', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '2008', 8, 5, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),2007',4,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),2006',3,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),2005',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),2004',6,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),2003',2,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),2002',3,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),2001',8,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),2000',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1999',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1998',7,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1997',11,1,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1996',10,2,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1995',7,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1994',8,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1993',10,3,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1992',9,3,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1991',7,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1990',6,4,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1989',1,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1988',1,10,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1987',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1986',7,4,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1985',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1984',5,5,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1983',8,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1982',8,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1981',10,2,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1980',11,1,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1979',8,3,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1978',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1977',8,3,1,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1976',9,3,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1975',3,7,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1974',7,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1973',4,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1972',11,1,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1971',9,3,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1970',8,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1969',5,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of North Carolina'),1968',3,7,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1967', 2, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1966', 2, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1965', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1964', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1963', 9, 2, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1962', 3, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1961', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1960', 3, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1959', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1958', 6, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1957', 6, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1956', 2, 7, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1955', 3, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1954', 4, 5, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of North Carolina'), '1953', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'North Carolina State University'), '2021', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'North Carolina State University'), '2020', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'North Carolina State University'), '2019', 4, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'North Carolina State University'), '2018', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'North Carolina State University'), '2017', 9, 4, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2016', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2015', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2014', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2013', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2012', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2011', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2010', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2009', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2008', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2007', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2006', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2005', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2004', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2003', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2002', 11, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2001', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '2000', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1999', 6, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1998', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1997', 6, 5, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1996', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1995', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1994', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1993', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1992', 9, 3, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1991', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1990', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1989', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1988', 8, 3, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1987', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1986', 8, 3, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1985', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1984', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1983', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1982', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1981', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1980', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1979', 7, 4, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1978', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1977', 8, 4, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1976', 3, 7, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1975', 7, 4, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1974', 9, 2, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1973', 9, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1972', 8, 3, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1971', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1970', 3, 7, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1969', 3, 6, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1968', 6, 4, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1967', 9, 2, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1966', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1965', 6, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1964', 5, 5, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1963', 8, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1962', 3, 6, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1961', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1960', 6, 3, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1959', 1, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1958', 2, 7, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1957', 7, 1, 2, 1),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1956', 3, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1955', 4, 5, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1954', 2, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'North Carolina State University'), '1953', 1, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1970', 4, 6, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1969', 7, 4, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1968', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1967', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1966', 1, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1965', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1964', 3, 5, 2, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1963', 1, 8, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1962', 4, 5, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1961', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1960', 3, 6, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1959', 6, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1958', 7, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1957', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1956', 7, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1955', 3, 6, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1954', 6, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of South Carolina'), '1953', 7, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2021', 6, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2020', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2019', 9, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2018', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2017', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2016', 2, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2015', 4, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2014', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2013', 2, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2012', 4, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2011', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2010', 4, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2009', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2008', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2007', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2006', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2005', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Virginia'), '2004', 8, 4, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '2003', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '2002', 9, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '2001', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '2000', 6, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1999', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1998', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1997', 7, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1996', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1995', 9, 4, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1994', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1993', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1992', 7, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1991', 8, 3, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1990', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1989', 10, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1988', 7, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1987', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1986', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1985', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1984', 8, 2, 2, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1983', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1982', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1981', 1, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1980', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1979', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1978', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1977', 1, 9, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1976', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1975', 1, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1974', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1973', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1972', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1971', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1970', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1969', 3, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1968', 7, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1967', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1966', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1965', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1964', 5, 5, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1963', 2, 7, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1962', 5, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1961', 4, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1960', 0, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1959', 0, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1958', 1, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1957', 3, 6, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1956', 3, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1955', 1, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Virginia'), '1954', 3, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2021', 11, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2020', 4, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2019', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2018', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2017', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2016', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2015', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2014', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2013', 4, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2012', 5, 7, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2011', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2010', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2009', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2008', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2007', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2006', 11, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2005', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2004', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2003', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2002', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2001', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '2000', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '1999', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '1998', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '1997', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '1996', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '1995', 1, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '1994', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '1993', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Wake Forest University'), '1992', 8, 4, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1991',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1990',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1989',2,8,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1988',6,4,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1987',7,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1986',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1985',4,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1984',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1983',4,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1982',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1981',4,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1980',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1979',8,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1978',1,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1977',1,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1976',5,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1975',3,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1974',1,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1973',1,9,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1972',2,9,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1971',6,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1970',6,5,NULL,1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1969',3,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1968',2,7,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1967',4,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1966',3,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1965',3,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1964',5,5,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1963',1,9,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1962',0,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1961',4,6,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1960',2,8,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1959',6,4,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1958',3,7,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1957',0,10,NULL,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1956',2,5,3,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1955',5,4,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1954',2,7,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Wake Forest University'),1953',3,6,1,0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'),2021',3,9,NULL,0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2020', 3, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2019', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2018', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2017', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2016', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2015', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2014', 11, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2013', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2012', 7, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2011', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2010', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2009', 11, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2008', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2007', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2006', 9, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2005', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2004', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2003', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2002', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2001', 8, 5, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '2000', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1999', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1998', 10, 2, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1997', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1996', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1995', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1994', 1, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1993', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1992', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1991', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1990', 11, 0, 1, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1989', 7, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1988', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1987', 2, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1986', 5, 5, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1985', 9, 2, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1984', 6, 4, 1, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Georgia Institute of Technology'), '1983', 3, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '2021', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '2020', 3, 6, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2019', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2018', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2017', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2016', 10, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2015', 10, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2014', 13, 1, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2013', 14, 0, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2012', 12, 2, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2011', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2010', 10, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2009', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2008', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2007', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2006', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2005', 8, 5, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2004', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2003', 10, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2002', 9, 5, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2001', 8, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Florida State University'), '2000', 11, 2, NULL, 1),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '1999', 12, 0, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '1998', 11, 2, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '1997', 11, 1, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '1996', 11, 1, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '1995', 10, 2, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '1994', 10, 1, 1, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '1993', 12, 1, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Florida State University'), '1992', 11, 1, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2021', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2020', 8, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2019', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2018', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2017', 10, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2016', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2015', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2014', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2013', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2012', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2011', 6, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2010', 7, 6, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2009', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2008', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2007', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2006', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2005', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Miami'), '2004', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2021', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2020', 5, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2019', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2018', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2017', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2016', 10, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2015', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2014', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2013', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2012', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2011', 11, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2010', 11, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2009', 10, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'Virginia Tech'), '2008', 10, 4, NULL, 1),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Virginia Tech'), '2007', 11, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Virginia Tech'), '2006', 10, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Virginia Tech'), '2005', 11, 2, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Virginia Tech'), '2004', 10, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2021', 6, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2020', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2019', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2018', 7, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2017', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2016', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2015', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2014', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2013', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2012', 2, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2011', 4, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2010', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2009', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2008', 9, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2007', 11, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2006', 10, 3, NULL, 0),

((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Boston College'), '2005', 9, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Notre Dame'), '2020', 10, 2, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Pittsburgh'), '2021', 11, 3, NULL, 1),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Pittsburgh'), '2020', 6, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Pittsburgh'), '2019', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Pittsburgh'), '2018', 7, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Pittsburgh'), '2017', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Pittsburgh'), '2016', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Pittsburgh'), '2015', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Pittsburgh'), '2014', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'University of Pittsburgh'), '2013', 7, 6, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Syracuse University'), '2021', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Syracuse University'), '2020', 1, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Syracuse University'), '2019', 5, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Syracuse University'), '2018', 10, 3, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Syracuse University'), '2017', 4, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Syracuse University'), '2016', 4, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Syracuse University'), '2015', 4, 8, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Syracuse University'), '2014', 3, 9, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME = 'Syracuse University'), '2013', 7, 6, NULL, 0),

```
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Louisville'), '2021', 6, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Louisville'), '2020', 4, 7, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Louisville'), '2019', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Louisville'), '2018', 2, 10, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Louisville'), '2017', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Louisville'), '2016', 9, 4, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Louisville'), '2015', 8, 5, NULL, 0),
((SELECT ACC SCHOOL ID FROM ACC SCHOOL WHERE SCHOOL NAME =
'University of Louisville'), '2014', 9, 4, NULL, 0)
```

--Check out the results

```
SELECT * FROM ACC SEASON
```

--Procedure to populate ACC_SEASON_ID in HEISMAN_WINNER

```
GO
```

```
CREATE OR ALTER PROCEDURE HEISMAN_WINNER_ACC_SEASON_ID AS
BEGIN
```

```
DECLARE @loop INT = 1
```

```
DECLARE @loopend INT
```

```
DECLARE @ACC_SEASON_ID INT
```

```
DECLARE @ACC_SCHOOL_ID INT
```

```
DECLARE @HEISMAN_YEAR DATE
```

```
SELECT @loopend = COUNT(*) FROM HEISMAN_WINNER
```

```
WHILE @loop <= @loopend
```

```
BEGIN
```

```
SELECT
```

```
    @ACC_SEASON_ID = ACCSEA.ACC_SEASON_ID,
```

```
    @ACC_SCHOOL_ID = ACCSEA.ACC_SCHOOL_ID,
```

```
    @HEISMAN_YEAR = HWIN.HEISMAN_YEAR
```

```
FROM
```

```
ACC_SEASON ACCSEA
```

```

    INNER JOIN
        HEISMAN_WINNER HWIN
        ON ACCSEA.ACC SCHOOL_ID =
HWIN.ACC SCHOOL_ID
            AND ACCSEA.SEASON_YEAR = HWIN.HEISMAN_YEAR
            AND HWIN.ACC_SEASON_ID IS NULL
        UPDATE HEISMAN_WINNER SET ACC_SEASON_ID =
@ACC_SEASON_ID WHERE ACC SCHOOL_ID = @ACC SCHOOL_ID AND
HEISMAN_YEAR = @HEISMAN_YEAR
        SELECT @loop = @loop + 1
    END
END
GO

```

--Implementing the procedure HEISMAN_WINNER_ACC_SEASON_ID
`EXEC HEISMAN_WINNER_ACC_SEASON_ID`

--Checking the results

```
SELECT * FROM HEISMAN_WINNER
```

--Creating a view for ACC Seasons to make them more reasonable

```

GO
CREATE OR ALTER VIEW ACC_SEASONS_VIEW AS
SELECT
    YEAR(SEASON.SEASON_YEAR) Season,
    SCHOOL.SCHOOL_NAME School,
    SEASON.WINS Wins,
    SEASON.LOSSES Losses,
    SEASON.TIES Ties,
    CAST((SEASON.WINS + (0.5*ISNULL(SEASON.TIES,0))) / (SEASON.WINS +
SEASON.LOSSES + ISNULL(SEASON.TIES,0)) AS DECIMAL(4,3))
Win_Percentage,
    CASE SEASON.ACC_CHAMPION WHEN 1 THEN 'ACC Champion' WHEN 0
THEN "END ACC_Champion_Flag,
    CASE WHEN HEISMAN.HEISMAN_WINNER_ID IS NOT NULL THEN
HEISMAN.NAME + '(' + HEISMAN.POSITION + ')' ELSE "END Heisman_Flag
FROM
    ACC_SEASON SEASON
LEFT JOIN
    ACC_SCHOOL SCHOOL

```

```
    ON SEASON.ACC_SCHOOL_ID = SCHOOL.ACC_SCHOOL_ID
LEFT JOIN
    HEISMAN_WINNER HEISMAN
        ON SEASON.ACC_SEASON_ID = HEISMAN.ACC_SEASON_ID
GO
```

```
--Check our results
SELECT * FROM ACC_SEASONS_VIEW
```

--Creating a view for School Totals

```
GO
CREATE OR ALTER VIEW ACC_SCHOOLS_VIEW AS
SELECT
    SCHOOL.SCHOOL_NAME School,
    SCHOOL.SCHOOL_CITY City,
    SCHOOL.SCHOOL_STATE State,
    SCHOOL.GRADUATION_RATE Graduation_Rate,
    COUNT(DISTINCT YEAR(SEASON.SEASON_YEAR)) ACC_Seasons,
    SUM(SEASON.WINS) ACC_Wins,
    SUM(SEASON.LOSSES) ACC_Losses,
    SUM(ISNULL(SEASON.TIES,0)) ACC_Ties,
    CAST((SUM(SEASON.WINS) + (0.5*SUM(ISNULL(SEASON.TIES,0)))) /
    SUM(SEASON.WINS + SEASON.LOSSES + ISNULL(SEASON.TIES,0)) AS
    DECIMAL(4,3)) ACC_Win_Percentage,
    SUM(CASE WHEN SEASON.ACC_CHAMPION THEN 1 ELSE 0 END) ACC_Championships,
    COUNT(DISTINCT CASE WHEN HEISMAN.ACC_SEASON_ID IS NOT NULL
    THEN HEISMAN.HEISMAN_WINNER_ID END) ACC_Heisman_Winners,
    COUNT(DISTINCT HEISMAN.HEISMAN_WINNER_ID)
    Total_Heisman_Trophy_Winners
FROM
    ACC_SCHOOL SCHOOL
LEFT JOIN
    ACC_SEASON SEASON
        ON SCHOOL.ACC_SCHOOL_ID = SEASON.ACC_SCHOOL_ID
LEFT JOIN
    HEISMAN_WINNER HEISMAN
        ON SCHOOL.ACC_SCHOOL_ID = HEISMAN.ACC_SCHOOL_ID
GROUP BY
```

```
SCHOOL.SCHOOL_NAME,  
SCHOOL.SCHOOL_CITY,  
SCHOOL.SCHOOL_STATE,  
SCHOOL.GRADUATION_RATE
```

```
GO
```

--Check the results

```
SELECT * FROM ACC_SCHOOLS_VIEW
```

--Creating view for Heisman Winners

```
GO
```

```
CREATE OR ALTER VIEW HEISMAN_VIEW AS
```

```
SELECT
```

```
HEISMAN.HEISMAN_YEAR Season,  
HEISMAN.NAME Player,  
HEISMAN.HEISMAN SCHOOL_NAME School,  
HEISMAN.POSITION Position,  
HEISMAN.CLASS + CASE HEISMAN.REDSHIRT WHEN 1 THEN '(RS)'  
WHEN 0 THEN "END Class,  
CASE WHEN SCHOOL.ACC_SCHOOL_ID IS NOT NULL THEN  
SCHOOL.SCHOOL_NAME ELSE "END ACC_School_Flag,  
CASE WHEN SEASON.ACC_SEASON_ID IS NOT NULL THEN 'ACC' ELSE "  
END ACC_Season_Flag,  
SEASON.WINS ACC_Wins,  
SEASON.LOSSES ACC_Losses,  
SEASON.TIES ACC_Ties,  
CAST((SEASON.WINS + (0.5*ISNULL(SEASON.TIES,0))) / (SEASON.WINS +  
SEASON.LOSSES + ISNULL(SEASON.TIES,0)) AS DECIMAL(4,3))  
ACC_Win_Percentage,  
CASE SEASON.ACC_CHAMPION WHEN 1 THEN 'ACC Champion' ELSE "  
END ACC_Champion_Flag
```

```
FROM
```

```
HEISMAN_WINNER HEISMAN
```

```
LEFT JOIN
```

```
ACC_SCHOOL SCHOOL
```

```
ON HEISMAN.ACC_SCHOOL_ID = SCHOOL.ACC_SCHOOL_ID
```

```
LEFT JOIN
```

```
ACC_SEASON SEASON
```

```
ON HEISMAN.ACC_SEASON_ID = SEASON.ACC_SEASON_ID
```

GO

--Check the results

SELECT * FROM HEISMAN_VIEW

--Creating stored procedure in order to enter data for Heisman Winners

GO

CREATE OR ALTER PROCEDURE ENTER_HEISMAN

**(@HEISMAN_YEAR DATE,@NAME VARCHAR(50),@HEISMAN_SCHOOL_NAME
VARCHAR(50),@POSITION VARCHAR(10),@CLASS VARCHAR(10),@REDSHIRT
BIT) AS**

BEGIN

INSERT INTO HEISMAN_WINNER

**(HEISMAN_YEAR,NAME,HEISMAN_SCHOOL_NAME,POSITION,CLASS,REDSHIRT
)**

VALUES

**(@HEISMAN_YEAR,@NAME,@HEISMAN_SCHOOL_NAME,@POSITION,@CLASS,
@REDSHIRT)**

EXEC HEISMAN_WINNER_ACC SCHOOL_ID

EXEC HEISMAN_WINNER_ACC SEASON_ID

END

GO

--Testing out

EXEC ENTER_HEISMAN '2021','Nick Videtti','Syracuse

University','Waterboy','Graduate',0

SELECT * FROM HEISMAN_VIEW WHERE Player = 'Nick Videtti'

--Removing

DELETE HEISMAN_WINNER WHERE NAME = 'Nick Videtti'

SELECT * FROM HEISMAN_VIEW WHERE Player = 'Nick Videtti'

--Creating stored procedure in order to enter data for seasons

GO

CREATE OR ALTER PROCEDURE ENTER_SEASON

**(@SCHOOL_NAME VARCHAR(50),@SEASON_YEAR DATE,@WINS INT,@LOSSES
INT,@TIES INT,@ACC_CHAMPION BIT,**

```

@NEW_SCHOOL_CITY VARCHAR(50) = NULL,@NEW_SCHOOL_STATE
VARCHAR(2) = NULL,@NEW_GRADUATION_RATE DECIMAL(4,3) = NULL) AS
BEGIN
    IF NOT EXISTS (SELECT * FROM ACC SCHOOL WHERE SCHOOL_NAME =
@SCHOOL_NAME)
        BEGIN
            INSERT INTO ACC SCHOOL (SCHOOL_NAME, SCHOOL_CITY,
SCHOOL_STATE, GRADUATION_RATE)
            VALUES
(@SCHOOL_NAME,@NEW_SCHOOL_CITY,@NEW_SCHOOL_STATE,@NEW_GRA
DUATION_RATE)
        END
        INSERT INTO ACC_SEASON
(ACC SCHOOL_ID,SEASON_YEAR,WINS,LOSSES,TIES,ACC_CHAMPION)
            VALUES ((SELECT ACC SCHOOL_ID FROM ACC SCHOOL WHERE
SCHOOL_NAME =
@SCHOOL_NAME),@SEASON_YEAR,@WINS,@LOSSES,@TIES,@ACC_CHAMPI
ON)
            EXEC HEISMAN_WINNER_ACC SCHOOL_ID
            EXEC HEISMAN_WINNER_ACC SEASON_ID
END
GO

```

--Testing out

```

EXEC ENTER_SEASON 'St John Fisher
College','2040',103,2,765,1,'Rochester','NY',0.934
SELECT * FROM ACC_SEASONS_VIEW WHERE School = 'St John Fisher College'
AND Season = '2040'
SELECT * FROM ACC_SCHOOLS_VIEW WHERE School = 'St John Fisher College'

```

--Removing

```

DELETE ACC_SEASON WHERE ACC SCHOOL_ID = (SELECT ACC SCHOOL_ID
FROM ACC SCHOOL WHERE SCHOOL_NAME = 'St John Fisher College') AND
SEASON_YEAR = '2040'
DELETE ACC SCHOOL WHERE SCHOOL_NAME = 'St John Fisher College'
SELECT * FROM ACC_SEASONS_VIEW WHERE School = 'St John Fisher College'
AND Season = '2040'
SELECT * FROM ACC_SCHOOLS_VIEW WHERE School = 'St John Fisher College'

```

--Testing out one more time

```
EXEC ENTER_SEASON 'Syracuse University', '1452', 1, 5, 3, 0
SELECT * FROM ACC_SEASONS_VIEW WHERE School = 'Syracuse University'
AND Season = '1452'
SELECT * FROM ACC_SCHOOLS_VIEW WHERE School = 'Syracuse University'
```

--Removing one more time

```
DELETE ACC_SEASON WHERE ACC SCHOOL_ID = (SELECT ACC SCHOOL_ID
FROM ACC SCHOOL WHERE SCHOOL_NAME = 'Syracuse University') AND
SEASON_YEAR = '1452'
SELECT * FROM ACC_SEASONS_VIEW WHERE School = 'Syracuse University'
AND Season = '1452'
```

--HYPOTHETICAL ROLES (WILL LEAVE THIS CODE OUT FOR DATA SECURITY
REASONS AND LACK OF ACCESS ON THE REMOTE LAB)

--CREATE USER ADMIN FOR LOGIN ADMIN

```
--GRANT SELECT ON ACC SCHOOL TO ADMIN
--GRANT SELECT ON ACC SEASON TO ADMIN
--GRANT SELECT ON HEISMAN_WINNER TO ADMIN
--GRANT SELECT ON ACC_SCHOOLS_VIEW TO ADMIN
--GRANT SELECT ON ACC_SEASONS_VIEW TO ADMIN
--GRANT SELECT ON HEISMAN_VIEW TO ADMIN
--GRANT EXECUTE ON ENTER_HEISMAN TO ADMIN
--GRANT EXECUTE ON ENTER_SEASON TO ADMIN
--GRANT EXECUTE ON HEISMAN_WINNER_ACC SCHOOL_ID TO ADMIN
--GRANT EXECUTE ON HEISMAN_WINNER_ACC_SEASON_ID TO ADMIN
```

--CREATE USER ANALYST FOR LOGIN ANALYST

```
--GRANT SELECT ON ACC SCHOOL TO ADMIN
--GRANT SELECT ON ACC SEASON TO ADMIN
--GRANT SELECT ON HEISMAN_WINNER TO ADMIN
--GRANT SELECT ON ACC_SCHOOLS_VIEW TO ADMIN
--GRANT SELECT ON ACC_SEASONS_VIEW TO ADMIN
--GRANT SELECT ON HEISMAN_VIEW TO ADMIN
```

--CREATE USER QUERY FOR LOGIN QUERY

```
--GRANT SELECT ON ACC_SCHOOLS_VIEW TO ADMIN
--GRANT SELECT ON ACC_SEASONS_VIEW TO ADMIN
--GRANT SELECT ON HEISMAN_VIEW TO ADMIN
```

-----Answering data questions-----

--What school has had the most wins in ACC history?

SELECT

*

FROM

ACC_SCHOOLS_VIEW

WHERE

ACC_Wins = (SELECT MAX(ACC_Wins) FROM ACC_SCHOOLS_VIEW)

--What school has had the most Heisman trophies won by an ACC player?

SELECT * FROM ACC_SCHOOLS_VIEW WHERE ACC_Heisman_Winners =

(SELECT MAX(ACC_Heisman_Winners) FROM ACC_SCHOOLS_VIEW)

SELECT * FROM ACC_SCHOOLS_VIEW WHERE Total_Heisman_Trophy_Winners

= (SELECT MAX(Total_Heisman_Trophy_Winners) FROM ACC_SCHOOLS_VIEW)

--Assuming a given student-athlete is from West Virginia, Which schools are in West Virginia or in a state bordering West Virginia?

--(West Virginia, Maryland, Virginia, Kentucky, Ohio, or Pennsylvania)

SELECT

*

FROM

ACC_SCHOOLS_VIEW

WHERE

State IN ('WV','MD','VA','KY','OH','PA')

--What school has had the most undefeated (0 loss) seasons?

SELECT

School,

COUNT(CASE WHEN Losses = 0 THEN 1 END) Undefeated_Seasons

FROM

ACC_SEASONS_VIEW

GROUP BY

School

HAVING

COUNT(CASE WHEN Losses = 0 THEN 1 END) = (SELECT TOP 1 COUNT(CASE WHEN Losses = 0 THEN 1 END) Undefeated_Seasons

FROM ACC_SEASONS_VIEW GROUP BY School ORDER BY Undefeated_Seasons DESC)

--Are there any schools in the top 5 for all three of the following metrics?

--ACC Championships

--Heisman trophies won by an ACC player

--Graduation rate

--TOP 5 ACC_Championships

SELECT TOP 5 ACC_Championships FROM (SELECT DISTINCT ACC_Championships FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY ACC_Championships DESC

--TOP 5 ACC_Heisman_Winners

SELECT TOP 5 ACC_Heisman_Winners FROM (SELECT DISTINCT ACC_Heisman_Winners FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY ACC_Heisman_Winners DESC

--TOP 5 Graduation_Rate

SELECT TOP 5 Graduation_Rate FROM (SELECT DISTINCT Graduation_Rate FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY Graduation_Rate DESC

--Putting it all together

SELECT

FROM

ACC_SCHOOLS_VIEW

WHERE

ACC_Championships IN

(SELECT TOP 5 ACC_Championships FROM (SELECT DISTINCT ACC_Championships FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY ACC_Championships DESC)

AND ACC_Heisman_Winners IN

(SELECT TOP 5 ACC_Heisman_Winners FROM (SELECT DISTINCT ACC_Heisman_Winners FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY ACC_Heisman_Winners DESC)

AND Graduation_Rate IN

***(SELECT TOP 5 Graduation_Rate FROM (SELECT DISTINCT
Graduation_Rate FROM ACC_SCHOOLS_VIEW)SUBQUERY ORDER BY
Graduation_Rate DESC)***