



青岛职业技术学院

2021 级人工智能技术应用专业人才培养方案

(专业代码：510209)

(类别：普高)

信息学院

二〇二一年五月



编制说明

本专业人才培养方案适于三年全日制高职专业,由人工智能专业群教师团队、合作企业、行业



1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			



2021 级 人工智能技术应用 专业人才培养方案

510209

1.

1

2

3

4

5

6

7

8

9

10

2.

1

2

3 Python

4

4

5

3.

- 1
- 2
- 3
- 4
- 5
- 6
- 7

2019 9

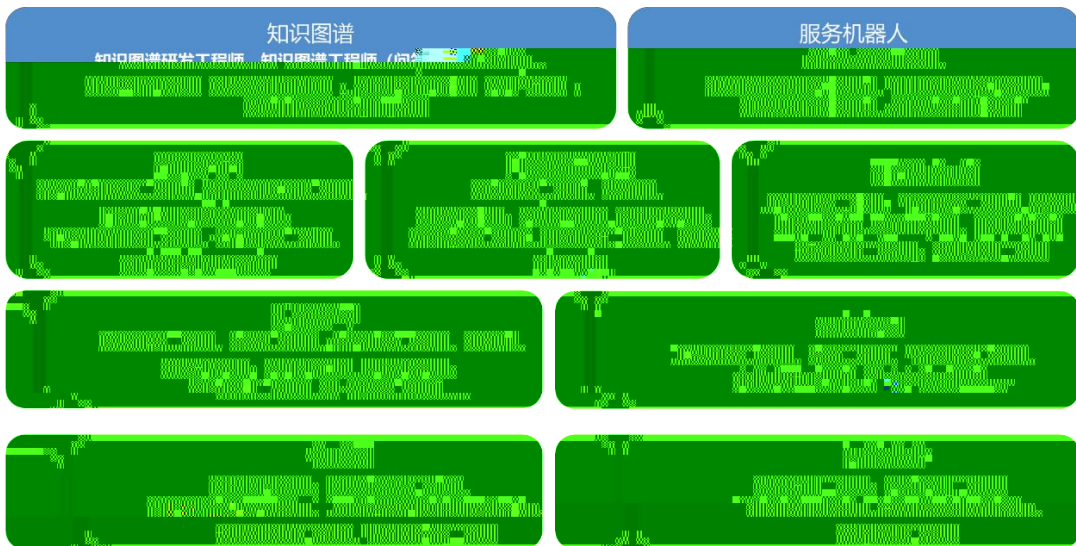


1

“ ”

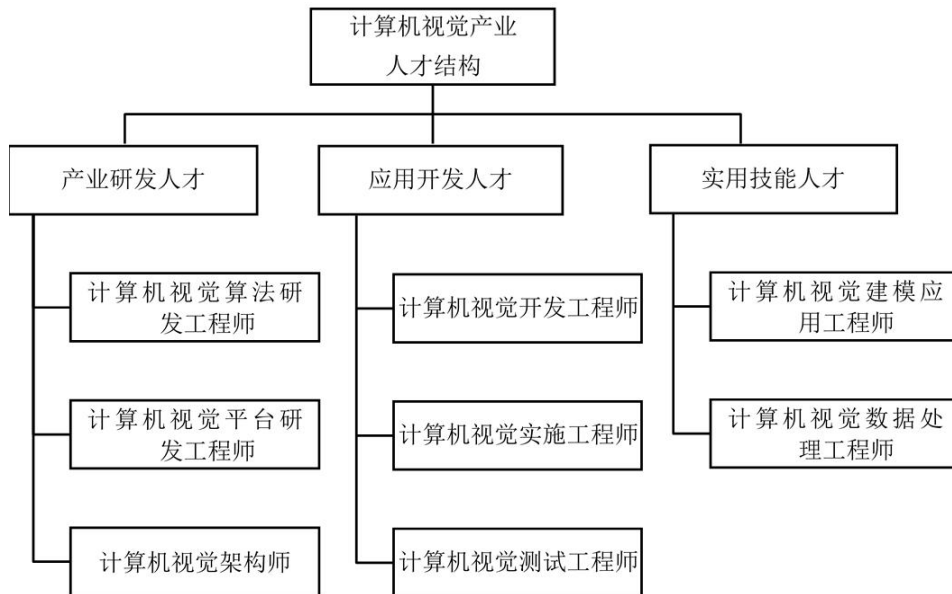
“ ”

2



2

1.



3

1

1		1.	1.	1. Python Shel I	1.
		2.	2.	2. Li nux UNI X	2.
				3.	

SQL

3.

3.

4.

Docker

Kubernetes

5.

3.

HDFS YARN

4.

6.

5.

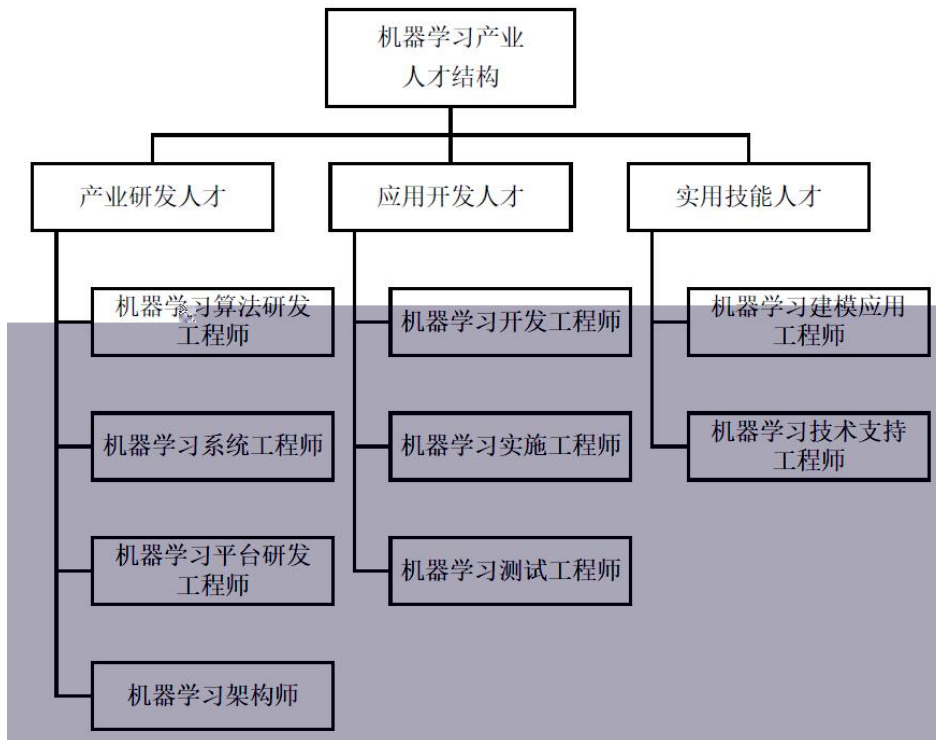
2

				5. Li nux UNI X	
3		1.	1. 2. 3. 4.	1. Python OpenCV Ski mag 2. TensorFI ow Caffe Torch MNet 3. Java Python Scal a C++ Li nux 4.	
4		1. 2.	1. 2.	1. 2. 3.	

				4. Windows	
				5. Python Shell	

1

2



4

1		1. Linux	1. Linux	1. Shell Python	1. Linux

		2	3.	2. Docker K8S 3. SQL MySQL Mariadb 4. x86 4. CHD FI TDH	2. 3.
2		1. 2. 3.	1. Hadoop Spark 2. 3. TCP/IP 4. MySQL Oracle	1. C/C++ Python Java Shell MATLAB 2. Linux Linux Windows 3. K8S Docker	1. 2.

2

1.

2020

2020

2021

1 " C "

2 " "

" " K8S Docker

3 " " 6 4

4 " " (4) " " 3

1+X " " 6

2

" "

" Web " " python

" " python " " Li nux " " "

" " " 3

1	Web		HTML+CSS+JS	
			HTML CSS	
2	python		python	
			20	
			30%	
3				
			" python "	

4	Li nux		LI NUX	
			90%	
5			navi cat SQL	
6			80%	

表 3 课程难易程度分析

3. " " " 1+X " "
 " () "
 " python " " "
 python
 4. " "

"

"

Padl ePadl e

6

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	

1

2

3

4

5.1 5.2

4

"

"

6

7

1 300 *

2

3

4

1.

167

36

21

30

30

20

10

20

2

1

3

24

1

2014

50

50

50

2

1

	1+X ⁰ ”		
	2021 6 18		

	2021 6 18
--	-----------

[2017] 10

" " 3 3000 18
 1500 9) 5
 1
 3

1. 50
- 2.

6.

7.

1

			%		%	1	2	3	4	5	6		
		628	439	69.90%	189	30.10%	17	12	2	2			36
		470	236	50.21%	234	49.79%	8	9					21
		548	224	40.88%	324	59.12%		4	14	4			30
		552	216	39.13%	336	60.87%			8	14	16		30
		160	80	50.00%	80	50.00%							10
		360	180	50.00%	180	50.00%							20
		400	0	0.00%	400	100.00%					10	20	20
		3118	1375	44.10%	1743	55.90%	25	25	24	20	22	20	167

2

				ABC										
								1	2	3	4	5	6	
		54	3	B	36	18	14	4						
		72	4	B	54	18	18		4					
		32	1	A	32	0	12	4	4	2	2			8 4 1 2 12 2 4
		18	1	B	9	9	9	2						: 1-3
	" "	16	1	A	16	0	8		2					1 2
		36	2	B	18	18	18				2			
		36	2	B	18	18	18	2						1
		108	6	C		108	16	2	2	2				
		128	8	A	128		16	4	4					
		48	3	A	48		16	3						
		16	1	A	16		8							
		32	2	A	32		18							
		32	2	A	32		18							
		628	36		439	189		17	12	2	2			

3

					ABC										
									1	2	3	4	5	6	
Web			72	4	B	36	36	16	4						
			72	4	B	36	36	16		4					
			54	3	B	20	34	16		3					
			36	2	B	18	18	16		2					
Python			72	4	B	32	40	16	4						
			72	4	B	54	18	16		4					
			470	21		236	234		8	9					

4

					ABC										
									1	2	3	4	5	6	
			108	6	B	48	60	16			6				
			72	4	B	36	36	16			4				
			72	4	B	36	36	16		4					
			72	4	B	36	36	16			4				
			72	4	B	36	36	16				4			
Li nux			72	4	B	32	40	16	4						
Li nux			20	1	C		20	1		20					
			40	2	C		40	2			40				
			20	1	C		20	1				20			
			548	30		224	324		4	4	14	4			

5.1

				ABC										
								1	2	3	4	5	6	
		160	10	C	0	160	10					20		()
		160	10	C	0	160	10					20		
		160	10	C	0	160	10					20		
		72	4	B	36	36	16				4			
		72	4	B	36	36	16				4			
		72	4	B	36	36	16			4				
		72	4	B	36	36	16			4				
		36	2	B	18	18	16			2				
		40	2	C	0	40	16			2				
		72	4	B	36	36	16				4			
	C	72	4	B	36	36	16				4			
		36	2	B	12	24	18							
		36	2	B	12	24	18	2						
		36	2	B	12	24	18	2						
		18	1	B	8	10	8	1						
	3D	18	1	B	8	10	8	1						
		36	2	B	12	24	18	2						
		36	2	B	18	18	8							
	python	72	4	B	32	40	16							
		36	2	B	18	18	8							

python		72	4	B	32	40	8							
		72	4	B	36	36	8							
		36	2	B	18	18	8							
		36	2	B	18	18	8							
C#		72	4	B	30	42	8							
		72	4	B	36	36	8							
PLC		72	4	B	36	36	8							
		72	4	B	36	36	8							
		72	4	B	36	36	8							
Java		72	4	B	32	40	8							
		54	3	B	20	34	8							
		54	3	B	20	34	8							
PHP		72	4	B	32	40	8							
Li nux		54	3	B	20	34	8							
		18	1	B	8	10	8							
Python		72	4	B	32	40	8							
		72	4	B	32	40	8							
1+X		54	3	B	30	24	8							
Windows		72	4	B	24	48	18							
		36	2	B	8	24	18							
1+X		40	2	C	0	40	8							
		552	30		216	336		2		8	12	20		

5.2

			ABC											
							1	2	3	4	5	6		
*		32	2	B	16	16	16							
*		32	2	B	16	16	16							
		32	2	B	16	16	16							
		32	2	B	16	16	16							
		32	2	B	16	16	16							
Photoshop		32	2	B	16	16	16							
		16	1	B	8	8	8							
		32	2	B	16	16	16							
		16	1	A	16	0	8							
		32	2	B	16	16	16							
		32	2	A	32	0	16							
		32	2	A	32	0	16							
		32	2	B	16	16	16							
* ps		32	2	B	16	16	16							
		64	4	B	32	32	16							
*		32	2	B	16	16	16							
		32	2	B	16	16	16							
		32	2	B	16	16	16							
		16	1	B	16	16	8							
		16	1	B	16	16	8							
		32	2	B	16	16	16							
		16	1	A	16	0	8							
*		16	1	A	16	0	8							
		32	2	B	16	16	16							
*		32	2	B	16	16	16							
		40	4	A	40	0	16							
*		16	1	B	16	16	8							

10

"**"

2

4

"

*		16	1	B	16	16	8							
		32	2	B	16	16	16							
		16	1	B	16	16	8							
		32	2	B	16	16	16							
		32	2	B	16	16	16							
		32	2	A	32	0	16							
		32	2	B	16	16	16							
*		32	2	A	16	0	16							
*		32	2	B	16	16	16							
		32	2	B	16	16	16							
		32	2	B	16	16	16							
		16	1	B	16	16	8							
		32	2	B	16	16	16							
		32	2	B	16	16	16							
		16	1	B	16	16	8							
		32	2	B	16	16	16							
		32	2	B	16	16	16							
		16	1	B	16	16	8							
		32	2	B	16	16	16							
*		16	1	B	16	16	8							
*		16	1	B	16	16	8							
*		32	2	B	16	16	16							
*		32	2	B	16	16	16							
*		16	1	B	16	16	8							
*		16	1	B	8	8	8							
		32	2	B	16	16	16							
		32	2	A	32	0	16							
*		32	2	B	16	16	16							
		16	1	B	16	16	8							
*		32	2	B	16	16	16							
		32	2	B	16	16	16							
		16	1	B	16	16	8							
				B	16	16	16							
				B	16	16	16							
				B	16	16	16							
				A	32	0	16							

				B	16	16	16								
				A	32	0	16								
*				A	16	0	8								
				B	16	16	16								
				A	32	0	16								
				B	16	16	16								
				B	16	16	16								
				B	16	16	16								
				B	16	16	16								
				B	16	16	16								
				B	8	8	8								
				B	16	16	16								
				B	16	16	16								
				A	32	0	16								
*				A	32	0	16								
				A	32	0	16								
				A	32	0	16								
				A	32	0	16								
				A	16	0	8								
				B	16	16	16								
				B	16	16	16								
				B	16	16	16								
				A	16	0	8								
*				A	16	0	8								
				B	16	16	16								
				B	16	16	16								
				A	16	0	8								
				A	32	0	16								
*			PS	A	32	0	16								
*				B	16	16	16								
*				B	16	16	16								
				B	8	8	8								
				B	16	16	16								
*				A	16	0	8								

				B	16	16	16							
				B	16	16	16							
				B	16	16	16							
				A	32	0	16							
				A	32	0	16							
				A	16	0	8							
*		32	2	B	16	16	16							
*		32	2	B	16	16	16							
*		32	2	B	16	16	16							
*		32	2	B	16	16	16							
*		32	2	B	16	16	16							
食品安全		32	2	A	32	0	16							
*		32	2	A	32	0	16							
生活与会计		32	2	A	32	0	16							
生活中的税法		32	2	A	32	0	16							
学经济学		32	2	A	32	0	16							
*		32	2	A	32	0	16							
*		32	2	A	32	0	16							
*环境艺术设计制图		32	2	A	32	0	16							
求职英语		32	2	A	32	0	16							
思辨与创新		32	2	A	32	0	16							
*		32	2	A	32	0	16							
看美剧，学口语		32	2	A	32	0	16							
		32	2	A	32	0	16							
孙子兵法中的思维智慧		32	2	A	32	0	16							
		32	2	A	32	0	16							
*		32	2	A	32	0	16							
大学生安全文化		32	2	A	32	0	16							
人生悟理—透过物理看人生		32	2	A	32	0	16							
《道德经》的智慧启示		32	2	A	32	0	16							
*女生穿搭技巧		32	2	A	32	0	16							
推拿保健与养生		32	2	A	32	0	16							
多媒体课件设计与制作		32	2	A	32	0	16							
*		32	2	A	32	0	16							

7

							1	2	3	4	5	6	
		320	16	0	320	16						20	
		80	4	0	80	8					10		
		400	20		0	400					10	20	

1.

2.

3.

1

2

A

B

+

C

3

4.

5.

6.

1 +

" + "

2 +"

3 " 1+N"

" 1"

" N"

4 “ ”

“ ”

5

6 +

+

7